

<210> 2548
 <211> 750
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (201)...(297)
 <223> similar to gil665819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2548
 gctggcctta gccagggccc atcagattgc tcagaatctc caccaccact tgcattagtt 60
 gaggcgactc ccagtttatt tctctaagat tggatgggtg gatttcatat taaaaaaaaa 120
 tttggctagt tcttttggaa catattgtaa acagctatgg ttttccaaag ggcaggaatg 180
 tattcattca ttgttctctt tctcccatct cacagaataa agcccttttc caccaattca 240
 gtcttaagga gaactggctc cagcatagag gaactgtgac tgaaacggag gaaagtgagt 300
 atggtttgaa gtgagggttt ggggggtgggc agcagttagc caccatTTTT ctcctacatt 360
 ggcatatcag cctgactaac cttcatttcc agctgtcacc cctcagataa gcacgttagc 420
 ctcaaacagc atggtttttc ttttctttat ttgagcatta tggttttctt agatcacata 480
 atactgtccc aagcaccaag gatacttata atttgggaag caaggaaagg agacaatgcc 540
 tagagcctcc ttgcattcct gagaagaggt aaaaatgaac gggagactca gccttttcct 600
 cctagaacca tctcctccct gccttcatca gccattgtc tatgactaac tggaaggatc 660
 accanagtca atgtgcagat ttgggctgag tcagtccatg actcagtcca cgagaagaan 720
 actctgtgga gagaaggctg tacngtaaaa 750

<210> 2549
 <211> 420
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (168)...(321)
 <223> similar to gil732065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2549
 aattcccggg tcgaggatgc ccccaaagcc cagaccgggc ctccccgggt ggacaagggt 60
 ggtggtcctg cctgtgccag cctgacagca cccatggggc accgggatgg ggaccaagcc 120
 ctgtgagagg catcggggag ggtgctgggc ccgggcgctg tactcaccgg caccctctgc 180

```

agatgaccca gtgctacttt gaggggggct accaggagac ccctgtgtac ctgctggcag      240
agctgggcta tgggcacaag ctccatgggc cctgcctcat catcgacagt aacagggtgg      300
ctgaagtccg gccagggtgg aggatgtgga cgggtccact gcggggcccc tgggtgcagg      360
ttctctggcc caaggctgca ggggcctgca ggactctgta tcccaccatc gatgggggtg      420

```

<210> 2550

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(307)

<223> similar to gi200964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2550

```

tgtggttgtg gaagttgcgg tggctgtggt ggccgctgcg gtggtggctg tgggtggtggc      60
tgcagtgggt gctgcgggtg tggctgcggg ggtggctgtg gtggtggctg tggcagctgc      120
accacctgca ggtgctaccg ggtgggctgc tgcctccagct gctgcccctg ctgccgcggc      180
tgctgtggag gctgctgcag cactcccctg atctgtgtct gccgcgcac ctgcggctcg      240
tgtggctgtg gctatgggaa gggctgttgc caacagaaat gctgctgcca gaagcaatgc      300
tgctgctagg cgggcccccg gcctctgggc aggggctgca ggtatctgcc ctgtaggtaa      360
gactcccatc cttcccatcc tgtctggtct cccctcctc tgtggtcttg a              411

```

<210> 2551

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(340)

<223> similar to gi5689447 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2551

```

aagatcccca gccggggtat taccctgaag gccgccacca agcaagcgat gctgtactgg      60
ctgcagcagc tgcagatgaa gcgctgggaa ttccacaaca gccgcgggc acctcctgcc      120
accctgatg ccgccttggc tgggaatggg cccgtcctgc acctcgagct agggcaagaa      180
gaggcagagc tggaggagtt cctgtgccct gtgaaaacac cccctgggct agtgggcgtg      240
gcagctgcct tgcagccctt ccctgccctt cagaatattt ccctcaagca cctggggact      300
gaaatacaga acacaatgca caacatccgt ggcaacaagc aggccaggg aacaggccat      360

```

gaacctccag gggaagattc tccacagagt ggggagcctc aaagggaaga a

411

<210> 2552

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(580)

<223> similar to gi2801403 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2552

cccgggtcga	cccacgcgctc	cgctttgaca	gcctggccgc	tgccaataga	gccatctgtc	60
acatgaatgg	agtgcggctc	aacaaccgcc	aggtgtatgt	tggcagattc	aaattcccag	120
aagagcgggc	ggctgaggtc	agaaccaggg	atagagcaac	tttcaccaat	gttttcgtta	180
aaaacattgg	agacgacata	gatgacgaaa	aactgaagga	acttttctgt	gaatatgggc	240
caactgagag	tgtaaagta	ataagagatg	ccagtgggaa	atctaaaggc	tttggatttg	300
tgagatatga	gacacacgag	gctgccccaa	aggctgtgct	agacttgcat	ggaaagtcca	360
tcgatggaaa	agtcctctat	gtagggcgag	cacagaagaa	aattgaacgc	ctggctgagt	420
tgaggcggag	atttgaacgg	ctgagggtta	aagaaaaaag	tcggcccca	ggggtgccta	480
tctatattaa	gaacttggat	gagacaatca	atgatgaaa	actgaaggag	gaattttctt	540
cctttggggtc	aattaatccg	gccaaagtga	tgatggg			577

<210> 2553

<211> 2115

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2116)

<223> similar to gi3165406 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2553

gatctgtgcg	tgggggatgt	ggtctgtctc	cgcaaggaca	acatcgctcc	agccgacatg	60
ctcttgctgg	ccagcacgga	gccagcagc	ctgtgctatg	tggagacgg	ggacattgac	120
ggggagacca	acttgaagtt	cagacaggcc	ctgatggtca	cccacaaaga	actggccact	180
ataaagaaga	tggcgtcctt	tcaaggcaca	gtgacgtgtg	aggcgcttaa	cagtcggatg	240
caccacttcg	tgggggtgcct	ggaatggaat	gacaagaaat	actccctgga	cattggcaac	300
ctcctcctcc	gaggctgcag	gattcgcaac	acagacacct	gctatggact	ggtcatttat	360

gctggtttttg	acacaaaaat	tatgaagaac	tgtggcaaga	tccatttgaa	gagaaccaag	420
ctggacctcc	tgatgaacaa	gctggtggtt	gtgatcttca	tctccgtggt	gcttgtctgc	480
ctgggtgttg	ccttcggctt	cggtttctca	gtcaaagaat	tcaaagacca	ccactactac	540
ctctcggggg	tgcatgggag	cagcgtggcc	gcagagtcct	tcttcgtctt	ctggagcttc	600
ctcatcctgc	tcagcgtcac	catcccgatg	tccatgttca	tctgtgccga	gttcatctac	660
ctgggggaaca	gcgtcttcat	cgactgggac	gtgcagatgt	actacaagcc	gcaggacgtg	720
cctgccaagg	cccgcagcac	cagcctcaac	gaccacctgg	gccagggtgga	atacatcttc	780
tcggacaaga	cgggcacgct	cacgcagaac	atcttgacct	tcaacaagtg	ctgcatcagc	840
ggccgcgtct	atggtgaacc	cctacctctg	gaacaagttc	gccgacggga	agctgtctct	900
ccacaatgcg	gccctgctgc	acctcgtgcg	gaccaacggg	gacgaggccg	tgcgggagtt	960
ctggcgctctg	ctggccatct	gccacacggt	gatgaccagc	tggtgtacca	ggcggcctcc	1020
cccgcagagg	gggcgctggt	caccgcagcc	cggaacttcg	gctacgtggt	cctgtcccgc	1080
acccaggaca	ccgtcacgat	catggagctg	ggggaggaac	gggtctacca	ggtcctggcc	1140
ataatggact	tcaacagcac	gcgcaaacgg	atgtcgggtg	tggttcgaaa	gccagagggc	1200
gccatctgcc	tgtacaccaa	gggcgcgcgac	acggtcatct	tcgaacgctt	gcacaggagg	1260
ggggcaatgg	aatttgccac	agaggaggcc	ttggctgcct	ttgccagga	gaccctgcgg	1320
acactgtgcc	tggcctacag	ggagggtggct	gaggacattt	acgaggactg	gcagcagcgc	1380
caccaggagg	ccagcctcct	gctgcagaac	cgggcacagg	ccctgcaaca	ggtgtacaac	1440
gagatggagc	aggacctcag	gctgctggga	gccacagcca	tcgaggacag	actccaggac	1500
ggtgtccctg	aaacatcaa	atgtctcaag	aagagcaaca	tcaaaatatg	ggtgctcacc	1560
ggggacaagc	aggaaacggc	tgtgaacatc	ggcttcgcct	gcgagctgct	gtcagagaat	1620
atgctcatte	tggaggagaa	ggagattagc	cgcatcctgg	agacctactg	ggaaaacagt	1680
aacaaccttc	taaccaggga	gtccctgtcg	caggtcaagc	tggccttggg	cattaacgga	1740
gacttccttg	acaaactgct	ggtgtccctg	cggaaggagc	cgcgcgccct	ggcgcagaac	1800
gtgaacatgg	acgaggcggtg	gcaggagctc	ggccagtcca	ggaggggattt	cctctacgcc	1860
aggcgctgt	ccctgctgtg	ccggagggtc	gggctcccgc	tggtgtcacc	gccagcccag	1920
gactccagag	cccgccttag	ctccgagggtg	ctgcaggagc	gcgccttcgt	ggacctggcg	1980
tccaagtgcc	aggcggtcat	ctgctgccgc	gtgacgcca	agcagaaggc	cctgatcgtg	2040
gccctggtca	agaagtacca	ccagggtggtg	accctggcca	tcggggacgg	tgccaacgac	2100
atcaacatga	tcaag					2115

<210> 2554

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(218)

<223> similar to gil504014 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2554

tctctagag	cggccgctcg	cgatctctga	ctcctccagc	tggaacacatc	tctccctggg	60
gcgggggtgg	tctgtgtcca	gctggaggag	tcagagttca	cctgtgcggc	agccgtgaaa	120
gcacggaaag	caatggagggt	ggagatcgaa	gacctgcacc	tgagatttga	tgacatcgcc	180
aaagccaaga	cagcggtgag	gggccaagggt	gcccggggca	gagctcgggg	ggctgaggca	240
gaatagagct	gcctctgttg	ctcccttcac	cctagacagg	tccctccacg	tcaggacttg	300
tgacagggtcc	tttcacgcca	ggacttgctg	caggaagagc	gggcctcccc	tctctgcgt	360
ctctccacac	tgagcagagg	cctcggggag	gagcgggcag	aagagggagc	cagcaagg	418

<210> 2555
 <211> 448
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (35)...(435)
 <223> similar to gil488047 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2555
 ccagcagggtg aagcactgtc gtcagtcccg gggcccaggc gggccccggc cagctttgag 60
 ctctggccag gtgcaatgtg cccagagctt ccaggccggg caccactact gggagggtgcg 120
 cgcgtcagac cactcgggtga cactgggctt ctcctacccg caactgccac ggtgcaggct 180
 gggggccccac acagacaaca ttggccgggg accctgctcc tgggggctct gcgtccagga 240
 ggacagcctc caggcctggc acaacgggga agcccagcgc ctcccagggg tgtcagggcg 300
 gtcctggggc atggatttgg acctggcctc aggtctggctc accttttaca gcctggagcc 360
 ccagacccag cccctgtaca ctttccatgc cctcttcaac cagccccctca ccccgctctt 420
 ctggctcctc gacccggaag ttgcggaa 448

<210> 2556
 <211> 853
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (50)...(855)
 <223> similar to gi309209 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2556
 gaatccacgc gtcgtcccac gcgtccgcgg tggatgaagt gaaccacccg ccacttttct 60
 tcctccccac gcagtgcgtg tcagcggggg ggggtctggc cgggctcact ttgagaagca 120
 gccgccttcc aatctgcgga aatccaactt cttccacttc gtcctggccc tctacgacag 180
 acagggccag cccgtggaga tcgagaggac agcgtttgtg gggttcgtgg agaaggaaaa 240
 agaagccaac agcgaagaaga ccaataacgg aattcactac cggcttcagc ttctctacag 300
 caatgggata aggacggagc aggatttcta cgtgcgcctc attgactcca tgacaaaaca 360
 agccatagtg tatgaaggcc aagacaagaa cccagaaatg tgccgagtct tgctcacaca 420
 tgagatcatg tgcagccgct gttgtgacaa gaaaagctgt ggcaaccgaa atgagactcc 480
 ctcagatcca gtgataattg acaggttctt cttgaaattt ttcctcaaat gtaacaaaaa 540

ttgcctaaag	aatgcgggaa	acccacgtga	catgcggaga	ttccaggtcg	tgggtgtctac	600
gacagtcaat	gtggatggcc	atgtcctggc	agtctctgat	aacatgtttg	tccataataa	660
ttccaagcat	gggcggaggg	ctcggaggct	tgaccctcgc	gaaggtagcg	cctcttatct	720
ggaacatgca	gctactccct	gtatcaaagc	catcagcccg	agtgaaggat	ggacgacggg	780
agggtgcgact	gtgatcatca	taggggacaa	tttctttgat	gggttacagg	tcatattcgg	840
taccatgctg	gtc					853

<210> 2557
 <211> 392
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (131)...(259)
 <223> similar to gi3327116 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2557						
gcgcccacgc	gtccgggaga	gctggagaaa	caggaagcca	gcctgtttgg	caggaggcca	60
gaggtgtgtc	cagtgggtga	agtgtggctt	tgggggaatg	ctgacctaac	cttactcgac	120
caacttctag	ttctcaggtc	ctagtgcgga	gcagatgtgt	aagacctact	cggagtctcg	180
cagccgccac	agcaaggcct	taaagctcta	taaggagctg	tacgcccag	acaaacgctt	240
ccagcaattc	atccgggtga	gcggacctct	ccagatccca	tgctcatggc	ccaaaccac	300
cctccccaac	tcatgggggt	agtgcctgtg	agctgcaccc	acatggaggt	caggcattcg	360
ccaccgtgc	agaccatcca	tacacagatc	ct			392

<210> 2558
 <211> 881
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (707)...(817)
 <223> similar to gil747316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2558						
ttttacaatt	caattttttt	attcataagg	ttgtacagcc	aacatcactg	tttaattcca	60
gaacattttc	aacatctcaa	aaagaaactc	tgcacccatt	agcagtcatt	ccctgtagct	120
tcctcatag	gcaatggcaa	ctgctgatct	gctgaatagg	aatcatataa	tatgtgagga	180
aatgtttagt	ttttaaagt	acacaggata	attccaatgt	gcagccagaa	tacagaacca	240

ttattcatca	gatggcatta	ttaaggactc	cgcttgcaat	gagattttgt	ggattattga	300
gtaagagcca	agggaccctt	ccccctaggg	tttttggggc	ctggatggct	gtgtatttga	360
gggggagacc	gaagccagta	gaagtaatca	gatgatccac	tgcttagtgc	agcagcagct	420
tctcccattg	gtgtgggtgg	gtaggccaca	tgcttgagga	aacacacccc	ctcagagctc	480
tcatggctgt	catgggggat	gcagagggac	aggcatagct	cttgccctca	aggtgtgtat	540
ggtctgtcag	gaagatgaga	aagtccatct	gcattccttt	tccccaccat	gactcgggac	600
acgctcttgt	ggtgcttttg	tttgcctct	gtgattgaga	aaccttgtcc	ttgaggaggg	660
gggttttttg	actctggatc	tggggttcat	tgggcctttt	tcctgcaggt	ggcgggaaat	720
gttttttaaa	gtgaagaaaa	cagttgggga	agctccagat	ggaccagcca	gtgcctactt	780
ggccgacacc	accataacct	ccttgtagat	ggtgaggccc	caaggatggg	tgtagaccag	840
cgcagggggg	agaaacgatt	tttcggacgc	gtgggtcgac	c		881

<210> 2559

<211> 235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(235)

<223> similar to gi34041 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2559

tcccggtcgc	acgatttcgt	gctgccgcca	aggggggctt	cagtggctgc	tcagctgtgc	60
tctcaggggg	cagctcatcc	tccttccggg	cagggagcaa	agggctcagt	gggggctttg	120
gcagccggag	cctctacagc	ctgggggggtg	tccggagcct	caatgtggcc	agtggcagcg	180
ggaagagtgg	aggctatgga	tttggccggg	gccgattcca	gtcactggg	gatcc	235

<210> 2560

<211> 510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (27)...(510)

<223> similar to gi3868778 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2560

acccatggcc	gcccacattc	ccgggtcgag	aatttaggga	acgacaagct	cgagagcgtg	60
actatgctga	aattcaagat	tttcatcgga	catttggctg	tgatgatgag	ttaatgtatg	120

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ggggagtttc ttcttatgaa ggttccatgg ctctcaacgc tagacctcag agcccacgag 180
aagggcatat gatggatgct ttgtatgccc aagtcaagaa gccgcggaat tccaaaccct 240
cacctgtaga cagtaacaga tcaactccta gcaatcatga tcggatacag cgtctgaggg 300
aagaatttca gcaagcaaag caagatgaag atgtagaaga tcgtcggcgg acctatagtt 360
ttgagcaacc ctggccgaac gcacggccgg cgacgcagag cgggcgacac tcggtgtccg 420
tggaggtgca gatgcagcgg cagcggcagg aggagcgcga gagctcccag caggcccagc 480
gccagtacag ctttctgcct cggcaaaggc
510

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<210> 2561
<211> 925
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(923)
<223> similar to gi3878945 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2561
ccggaattcc cgggtcgaga ccaagagaat gatgtcgggg ataagcagtc ggctgtgaag 60
atgaagatgt ttgggaagct cacccgagac acgtttgagt ggcaccctga caagcttcta 120
tgtaagagat ttaatgtccc tgacccttat ccagattcaa ctttagttgg cttaccaaga 180
gtgaagcgtg acaagtactc agtcttcaac tttctgacgc tcccagagac agcttccttg 240
cccaccactc aagcatcaag tgaaaaagta tcacagcacc gaggtcccga caaatcaaga 300
aaaccatcca gatgggatac ctctaaacac gaaaagaaag aagattccat tagtgaattt 360
ttaagtttgg ctagatcaaa agccgagcca cctaaacaac agtccagccc cttagtaaac 420
aaagaggaag agcatgcacc agaatcatcc gcaaatcaga cagtcaacaa agatgtggac 480
gcacaggctg aaggagaagg gagccgcca tccatggact tattcagggc catctttgcc 540
agttcctcag atgaaaagtc ctcatcctcc gaggatgagc aaggtgacag tgaagatgat 600
caggcaggct ctggggaggg caacttccaa agctcccaag aactgactt gggggaaaca 660
tcatctgtgg ctacgctct tgtgccagca cccagggagc cgccaccttc cttcccgata 720
caaaagatgc agatagatga aagagaagag ttcggcccgc ggctgcctcc cgtcttctgc 780
cccaatgctc gtcagacact tgaggttcct caaaaagaga aacataaaaa gaacaaagac 840
aagcacaagg ccaagaaaaga gcacaggcgg aagaaagaga agaaaaagaa acacaggaag 900
cacaaacaca aaggcaaaaa aaaaa
925

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<210> 2562
<211> 592
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(177)
<223> similar to gil737490 in the genepept database release 114,

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Run with FASTXY 3.3t00, default parameters

<400> 2562
cagatgggcg tctagatggg actatattct ggagtctatg cctcataccc acattcagtg 60
gttttagcatt atgaattccc tggtcattgt tctcttctta tctggaatgg tagctatgat 120
tatgttacgg aactgcaca aagatattgc tagatataat cagatggact ctacggtaag 180
tggaacatt ttagtcttta gtctgccaag gacactgttt attgttattt tgcaaaaagg 240
taaaataata gctttagaat ctgcttttaa aacattcttc aaaaaacaaa aacaaaaaca 300
aaaaaattct tctcaaaagt tatcttgaat tcacattttc aaataagaaa gtgatactta 360
agaattaata ttcttggctg ggcgcggtgg ctcacacctg taatcccagc actttgggag 420
gccgggggtgg gcgggatcacc tgaggtcagg agttcaagac cagcctgacc aacatggtga 480
aaccctatct ctccataaaaa cacaaaaatt agctgggtgt ggtggtgggg accgttagcc 540
ccagctacct cgggaggctg aggcaggaga attgcttgaa cccaggaggc gg 592

<210> 2563
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(410)
<223> similar to gi34073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2563
ccaggaggagaa cgaggggctc tggatgctga gttgaaggcc tgccgggacc aggaggagga 60
gtataagtcc aagtatgagg aggaggccca caggcgcgcc acacttgaga acgactttgt 120
ggtcctcaag aaggatgtgg atgggggttt cctgagcaag atggagttgg agggcaagct 180
ggaggctctg agagagtacc tctacttctt gaagcatctg aatgaagaag agctgggcca 240
gctccagacc caggccagcg acacgtctgt ggtgctgtcc atggacaaca accgctacct 300
ggacttcagc agcatcatca ctgaggtcgg cgcccggtac gaggagatca cccggagcag 360
caaggctgag gctgaggcct tgtaccagat caagtaccag gaacttca 408

<210> 2564
<211> 1210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (292)...(1202)
<223> similar to gi4115909 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2564

cagcggcgctc	agagcgtgtc	tcgcctgctg	ctccccggtt	tcctccttga	gccccccgcc	60
gagccggggc	tggagccgcc	ccctgaggag	gaaggaggag	agccggcggg	ggtcgcggag	120
gagccgggca	gcggggggcc	ctgctggctg	cagctggagg	aggtgccggg	gcccgggcct	180
ctcgggggag	gggggcccct	gcgctcccct	tcctcctact	catctgacga	gctgtcccca	240
ggcgagccct	tgacttcgcc	gccctgggcc	cctctgggcg	cccccgagcg	gcccgagcat	300
cttctgaacc	gggttctgga	gcggcttgct	ggaggggcta	ccagggacag	cgccgcctca	360
gatatcctgc	tggatgacat	tgtccttacc	cattctctct	tcctcccagc	ggagaaattt	420
ctgcaggagc	tacaccagta	ctttgttcgg	gcaggaggca	tggagggccc	tgaagggtg	480
ggccggaagc	aagcctgtct	agccatgctt	ctccatttct	tggacaccta	ccaggggctg	540
cttcaagagg	aagagggggc	cggccacatc	atcaaggatc	tatacctgct	aattatgaag	600
gacgagtccc	tttaccaggg	cctccgagag	gacactctga	ggctgcacca	gctgggtggg	660
acggtggaac	taaagattcc	agaggagAAC	cagccaccca	gcaagcaggt	gaagccactc	720
ttccgccact	tccgccgat	agactcctgt	ctgcagaccc	gggtggcctt	ccggggctct	780
gatgagatct	tctgccgtgt	atacatgcct	gaccactctt	atgtgacct	acgcagccgc	840
ctttcagcat	ctgtgcagga	cattctgggc	tctgtgacgg	agaaacttca	atattcagag	900
gagcccgcgg	ggcgtgagga	ttccctcatc	ctggtagctg	tgtcctctc	tggagagaag	960
gtccttctcc	agccactga	ggactgtgtt	ttcacgcac	tgggcatcaa	cagccacctg	1020
tttgctgtga	ctcgggacag	ctatgaggct	ctggtgcccc	tccccgagga	gatccaggtc	1080
tcccctggag	acacagagat	ccaccgagtg	gagcctgagg	acgttgccaa	ccacctaaact	1140
gccttccact	gggagctgtt	ccgatgtgtg	catgagctgg	agttcgtgga	ctacgtgttc	1200
cacggggagc						1210

<210> 2565

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(441)

<223> similar to gil1418942 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2565

agcgcagctt	gcaggacgcg	cagcgcctct	tcttgatgag	cgaggccgtg	cagccggtga	60
cacccgagcc	ctgtgtcacc	caggacagcg	tgcgcttctc	acacctcgtg	gtggaccttg	120
tgcaggctaa	agacacgctc	taccatgtac	tctacattgg	caccgagtcg	ggcaccatcc	180
tgaaggcgct	gtccacggcg	agcgcagccc	tccacggctg	ctacctggag	gagctgcacg	240
tgtgtccccc	cgggcgcgcg	gagcccctgc	gcagcctgcg	catcctgcac	agcgcgcgcg	300
cgctcttcgt	ggggctgaga	gacggcgctc	tgcgggtccc	actggagagg	tgcgcgcct	360
accgcagcca	gggggcatgc	ctggggggccc	gggacccgta	ctgtggctgg	gacgggaagc	420
agcaacgttg	cagcacac					438

00000000000000000000

```
<210> 2567
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(409)
<223> similar to gi5689409 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1511

<210> 2568
 <211> 561
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (196)...(475)
 <223> similar to gi217399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2568
 cccagaatga cggggtcgac ccacgcgtcc gcacccagct atggaggcag ctgcaggaac 60
 aacttgTTTT accgagaaga aacctacact ccaaaagctg agacggacga gatgaatgag 120
 gtggaaacgg cTccccattcc tgaagaaaac catgtttggc tccaaccgag ggtgatgaga 180
 cccaccaagc ccaagaaaac ctctgcggtc aactacatga cccaagtcgt cagatgtgac 240
 accaagatga aggacagggtg catagggtcc acgtgtaaca ggtaccagtg cccagcaggc 300
 tgccctgaacc acaaggcgaa gatctttgga agtctgttct atgaaagctt cgctagcata 360
 tgccgcgccg ccatccacta cgggatcctg gatgacaagg gaggcctggg ggatatcacc 420
 aggaacggga aggtccccctt ctctgtgaag tctgagagac acggcgtgca gtccctcagg 480
 taactactct gtgatcgggg ctctgtgaaa cggttttcct gtttatgacg gtgttggtga 540
 aattttgaaa aataccacac a 561

<210> 2569
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(454)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(114)
 <223> similar to gi3219577 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2569
 ntatccgtgc tgttggaac tttaaggagc agacagtgat tgccgtcaag gcccctccgc 60
 agacgagact ggaagtgcc gacaggaatg aggtgagagg ggaaatatTT ggtggagagc 120
 agggttgaga ccctgccagg gagcgttcca ggcggctctg cagactctgt ccctggcact 180
 gcctagcccc atgctttgca ggcccattgt ggtgtccatg gcaatattgg tggnnnnnnn 240


```

nnnnnnnnnn nnnnnncaga agctggaaag ggcaacggag actgagtagt ggctgagaa 300
aatctctgtt cctggtttct ttctgcatcc caccagccct gggttcctgc gcacatgcac 360
actcatgccc acgtatgacg gtgacaatac tcatgaaaat cctttcatgc tgaccgtgct 420
cggacgcgtg ggtctaccog gagttccggc gag 453

```

```

<210> 2570
<211> 462
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(463)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (19)...(462)
<223> similar to gi1632766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2570
gagtccggaa ttcgcgtggt agccaatgac agagcagata aaaatgctac tgcctatattt 60
gagggtcac atttgaatgc tgagaatgct gctggtcacc agattgcctc cgaaacacag 120
atccttgagg attcttcgtt aatatctgta aagtcacagt gcagcacagg tgatgctcat 180
acagtccctga gtgagtctaa cagaaaagat gggcactgtg gaaattctaa caacaaatgt 240
gaagtaattc cagaaagcac cagtgcagta acaaacattc cacagggtgca gatgggtgcc 300
atacaggtat cttggaacat aacacaccaa gaagtcaata ctgagccata taatcctttt 360
gagaaacaac aaggggaaat ttcacggatt gaaaaggagt accaagtatt acaagaccaa 420
cttaaagaag cgtatganaa ttatgagcag ataaaactta ag 462

```

```

<210> 2571
<211> 1528
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (909)...(1072)
<223> similar to gi35431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2571

```

```

cgggtccgcc agtagcattt ctgcagcaga tgtgggggata ttcacagtaa gacggacacg      60
tccaagacca taaatagttg gttttgccac cacgtggatg tcaaaaaacac cttgctgtgt      120
ggggccactt ggaggtggga acagtgggag tgtggacctg tcctgctgtg acttttggtta      180
acaccctgag gtggagtctg aaaaaccccc gtgtacacgg gctcaagaac cgctcccctt      240
tctgataccg gagcgcattht cccagtggaa cccagagca gcaactcagg ttcttgctcg      300
cctgtgcggc tttgtgtgcg gcttgccgag ggcagaaacg gcagcttccg cccggagagc      360
agagatgtgg cgtggggctg agtgtggccc accggtaatc cagctgcatg cccccttccc      420
tgctgcacc tgggcgccgc ctctgcacga tgaaggcggg catttggtgt ggtccttaca      480
gccgtgtgcc ccatccact gatccttgcc tgctgcaga aagctacagg attggctttg      540
cctttaagt tctgactgc cccggcctcc cttacctacc atgacacgcc gagagctgag      600
ctgtcccact cgtgactaac tcgccgttg ctgcaacctg ctccgttgcc tgctcacac      660
ccaccccgct gtgctgcctg caggcacccc ctttcatgag gacctgggct gtgcccaggc      720
ggccccctgt gttgctgggg cctgtgctgc tctgcacgg cctccagagc ctccctcggc      780
cccttgaccc gcatgaaccg gcttcccctg gtgactcagt cccctcccgt ccttctctgg      840
acctcagcac aggccctggg gctggcagg gtgaccccg cacccccgt aaccgcttgg      900
ccctgctgct tcaggcttac aagagtgcgt gcgacatggc cgaggcacga ggccgccacc      960
aggagctttg catccccctg tgtgtggtgc cggccacgat tagcaacaat gtcccaggca     1020
cagaaataag cctgggctcc gacactggcc tgaatgctgt tgttgaggta agagaacccc     1080
gtttcctctc gttgcttttc cgtcatttat tttagcaact tgtttcttct gtgctaagga     1140
tgagccggat ttattcttct tcttttctcc cctttgtag cttggcttta tgtcacactg     1200
gccagaacag ggtaaaattt ttttagcttc tctgccttag ggagagcctg tctttattga     1260
ttaaagtgat gatgatatat ccagtccttg ggatcgtgtt tctatccac ctagactagg     1320
ggagccgcag gtaccattgc tctggaggct gcctctcctg cccacgctga gtagtgaggc     1380
tgacgggcca gctgtgggag cctgcaggaa ggggtgtaaa tgcccggtaa gtacgagctc     1440
caggacagag ccgtacccac tgggggccgc tgccctggaaa acagccttcc tggtgagaca     1500
agaggctctt tagagagccg aaatcact                                     1528

```

```

<210> 2572
<211> 1342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(252)
<223> similar to gi3417297 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2572
cttcacctat tcttccctcc tctcagtc cgggcgcatt cactccgaca gccggccctt      60
cccctgcgtg gagtgtggga aaggcttcaa gcgcaagacc gccctggaag cccatcggtg      120
gatccaccgc tcctgcagcg agaggcgcgc gtggcagcag gccgtggtgg ggcgttcaga      180
gcccatccct gttttgggag gcaaggatcc cccagttcac ttccggcact ttccagatat      240
atttcaagag tgtgggtgat ggcgttcaca caaactggtc agcgtttccc tgagaggaa      300
gaggcaaggt ttgtgtattt gggggataag gaaaggaggt gggcgtttga ggaaaacaaa      360
gttcttgcc taaggtaaaa agcagagggt aggggcacag agggctgttg gggaggaggc      420
aggaatcttg aaaagggtgc tgggggttga cccattttc tgaagctcca gcacacaggg      480
cccgtgttc acgtcccatc cttcacttga aaaccattca ctaactggc ttttcttca      540
tgattgttct ctcccttgta gctctctgct tttttggcct gtatctctcc tactcctctg      600
agatgggggtc ccctacattc cagtgcctat taaaggagcc tgcacccact ctggaccccc      660

```

```

cagaatagag gggatacctc aggcctgtcc ctcggtggt ggggggggcg gagctcatcc 720
caggattctt ttcttttttt tgagatggag tcatgctctg tcgcccaggc tggagtgcag 780
tggcgtgatc tcggctcact gcaacctctg cctcctgggt tcaagccatt ctctgcctca 840
gccttcccat tagctgggat tacaggcatg cgccaccagg cccagctaat ttttgtgctg 900
ttagtagaga cgggggtcca ccatcttggc caggctggtc ttgaattcct gacctcgtga 960
tccacccgcc tcggcgtctc aaagtgtctg gattacaagc gtgagccacc gaccctgcc 1020
gaggattctg ccttttacca atgcagggtg aacatctggc aaggagacac ctggagtgtg 1080
ggtgttcctt ggtcttgaag acctagaggt ggccatagag aggacagtgg cctcagggtg 1140
ggaactcccc cccactctc attctgcaag tgcacaaact atcaaacata gcggactctg 1200
gaactgggcc aactcttcac tgtatgcatt agtgattgca gtgttttttt cttcttcaga 1260
tatttgcatg ttccctggat tttgtatttt ttgataaaga tatattcttg ggccacagta 1320
gctggagata taatgccgga cc 1342

```

```

<210> 2573
<211> 597
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (213)...(576)
<223> similar to gi2792500 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2573
tactgggtcg acccagcgt gcggtcagta ggacgatttt gttagggaaa acgctttcac 60
tgcaaaaaat gtgatctaga aaacattgtg cttgaaggat tggctttggt tttgtgtggg 120
gaatttagtg cattttccat tctattggca tcattattaa atagtcgtaa atgtagagtt 180
attaaataat tgagcttttt tccatttttg tttactcagg attcactcct tctccagttg 240
cacagccaca cccttcagct ggccttaatg ttgactttga atctgtgttt ggaaataaat 300
ctacaaatgt tattgtagat tctgggggcg gactttctca accaacagtg gcctctcata 360
accagaacct tcctgatgcc aaactcccac ctagcaagct agcatctgat gactcgaatt 420
catctctccc caaccttgac cgcaatccca tcatcaacac cggtagcccc cctaatagacc 480
tcaattctac gccaatgagc cacaaccaca acttcacaca accacatctc cacctccact 540
cactacacac acagatctcg acagcacctc ccacataacc caaaacccca taaccgg 597

```

```

<210> 2574
<211> 441
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (66)...(360)
<223> similar to gi202799 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2574
gggtcgcccc acgcgtccgg gtggataagc agaagatagt ggaggggaatg gcagagggag      60
gcttcacaca gattaagtgc aacacagaca ttttcattgg cggagtcccc aattatgatg      120
atgtgaagaa gaactcgggt gtcctgaagc ctttcagcgg gagcatccag aagatcatcc      180
tgaatgaccg aaccatccat gtgaagcatg acttcacctc cggagtgaat gtggagaatg      240
cggcccaccc ctgtgtgaga gccccttgtg cccatggggg cagctgccgg cccaggaagg      300
agggctatga ctgtgactgc cccttgggct ttgaggggct tcaactgccag aaaggtacgc      360
tcaggggtct gaggcacagc tccctggagg gagtgggaagg aacggacagc caattggggg      420
accacaactc ttaatggaag a                                     441

```

```

<210> 2575
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(407)
<223> similar to gi535177 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2575
cctgtttgaa gatgccccaa gtggccctca agggccccca ggtggatgtc aaggggcccca      60
agctggacct gaaaggcccc aaggcggatg tgatgacccc cgtcgtggag gtgtctctgc      120
ccagcatgga ggtggacgtc gagggccccg gagccaagct ggacagtgtg cggctggagg      180
gtgacctgtc cctagccgac aaggacatga ctgccaaaga cagcaagttc aaaatgcccc      240
agttcaagat gccgtcgttc ggggtgtctg ccccaggcaa gtccatcgag gcctcgtttg      300
atgtgtctgc gctgaagggtg gaggctgacg tgagcctccc ctccatgcag ggggacctga      360
agaccactca cctcagcatt cagccccctt ccgctgatct ggaggtccag gctggccaag      420
aggatgtg                                     428

```

```

<210> 2576
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(251)
<223> similar to gi7939 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2576
ttaacattca agttgatacc tatagtttaca acaaccgcag caacaagcct gtgcaccggg      60
cctactgccca gatcaagggtc ttctgtgaca agggagctga gcggaaaatc agggatgaag    120
aacgaaaagca aagcaaaaaga aaagttttctg atgttaaagt gccactgctt ccctctcaca    180
agcgaatgga tatcacagtt ttcaaaccct t cattgatct cgataactcag cctgtcctct    240
tcattcctga cgtgcacttt gccaaacttgc agcggggcac tcatgtcctt cccattgcct    300
ctgaagaatt ggaggggtgaa ggctctgtct tga aaaagggg gccgtacggc acagaagatg    360
actttgtctgt ccctccttct accaagctgg cccggataga agaaccaaaag agagtgtctgc    420
tctacgtt                                     428

```

```

<210> 2577
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(438)
<223> similar to gi3882197 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2577
gagacgcaac cgcagggttcg acccacgcgt cgcgtatcc gcactgctca ggggtatggg      60
gaggatgtca ggcaggacca gcagcagctc ctggagggga tctcagagct ggacatcagg    120
acaggggggag tcccctcaca gctgcttgta catggagccc tggccttccc tctggggctg    180
gatgcctcac tcaactgctt cctggcggt gctcactatg gccggggccg ggtgggtcctg    240
gctgcccacg agtgctgct ctgtgctccc aagatggggc ccttcttgct caatgcggtg    300
cgctggctgg ccagaggcca gacaggcaaa gttgggggtga acacaaatct aaaagatctg    360
tgtcctctcc tatcggagca tggcctgcaa tgcagcctgg agcccatct gaacagcgac    420
ttgtgtgtct actgctgcaa                                     440

```

```

<210> 2578
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (125)...(289)
<223> similar to gi4929639 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2578
tgtgggctgg agcaggggaag cccacccagg caggaggtgc ctctgtgccg gaggcccag      60
tcccctgaac acctgcagga ggccaggcat cgcccacagc cctgccccct ggcctcttgg      120
caggaaaaag aatgagaagc tggagctgct ggtgggctgc attgcagagc tgcgggaggc      180
agatgagggg ctgctgaggg ccggtgagaa tgacttcagc atcatgtact caaccgcaa      240
gcggagtgtc cagctgtggc tgggcccagc cgccttcac aaccatggtg agggtcaggc      300
aggtggatgg gcaggacggg atagagccag gcagggtgg aggggtgtag tgggaggggt      360
ctgcgactga gctgccgagc tcatctacct ctcttctctc tcctgcccc aactggctcca      420
ga                                                                    422

```

```

<210> 2579
<211> 377
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(370)
<223> similar to gil118102 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2579
caaggaaaag gagcttattg aaagactaga ggatctcaaa gagcagctgg ctcccctgga      60
aaagggtacga attgagatta gcagaaaagc tgagaagagg accactttgg tgctatgggg      120
tggccttgcc tacatggcca cacagtttgg cattttggcc cggcttacct ggtgggaata      180
ttcctgggac atcatggagc cagtaacata cttcatcact tatggaagtg ccatggcaat      240
gtatgcatat tttgtaatga cagccagga atatgtttat ccagaagcca gagacagaca      300
atacttacta tttttccata aaggagccaa aaagtcacgt tttgacctag agaaatacaa      360
tcaactcaag gatgcag                                                                    377

```

```

<210> 2580
<211> 792
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (313)...(793)
<223> similar to gi3004482 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2580
atTTTTgatg ccatgtggct acattggttt tagaatacta ataaaaatcca ttgcttttaa    60
aataaaataaa taaaccccat agcacatcct ccatacaaca tctgttgtcc ctcaagatac    120
aattgttacc actatcatct aaccattatt ttatgataac tttaaaatat caacttggca    180
agaaaatatt ccacaaaaca cactctgcct ttttacttta aagagtcctt ggctacctgg    240
gccaatatta ttctcatttg taggatttag gttccacaga atataaatatg tgcctttttc    300
tgtgttccct gcagatttgc aagtaccatc cctttttggg gccttacttt gcacctccag    360
catctgggaa acaatgtttt cctgttgag actctctttg gtgcagtcac cctcctggcc    420
aattgtgttg caccttgggc actgaatcac atgagccgtc gactaagcca gatgcttctc    480
atgttccctac tggcaacctg ccttctggcc atcatatttg tgcctcaaga aatgcagacc    540
ctgcgtgtgg ttttggcaac cctgggtgtg ggagctgctt ctcttggcat tacctgttct    600
actgcccagg aaaaatgaact aattccttcc ataatacaggg gaagagctac tggaaatcact    660
ggaaaactttg ctaatatattg gggagccctg gcttccctcg tgatgatcct aagcatatat    720
tctcgacccc tgccctggat catctatgga gtctttgcc tctctctggt ccttgttgtc    780
ctcctccttc cg                                     792

```

```

<210> 2581
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(415)
<223> similar to gi4426629 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2581
atgacaatag cccagtgtgt gatcaggttg catatacagc attacttcct gaagacattc    60
catcaaataa aatcatcctg aaagtcagtg caaaggatgc tgatattgga tccaatggat    120
atataccata ctactctat ggatctggaa acagtgaatt ttttctagat ccagaaagtg    180
gcgagttaaa aaccttggct ctgttggacc gggagaggat ccccggtgtac agcctgatgg    240
ccaaggccac tgacgggggt ggcaggttct gccagtccaa catccaccta atcctggagg    300
atgtgaatga taacccccct gtgttttctt ctgaccacta caacacctgt gtctatgaga    360
acacaaccac caaggctctg ttgaccagag ttcaagccgt ggaccccgac attgg      415

```

```

<210> 2582
<211> 348
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(342)
<223> similar to gi4038413 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2582
accagccatt gctgattcac aggcccagtg agagacagga taatcatggg atgctgctaa    60
aaggggaaat cctgctgctg cctgagcttt cttttatgac cggaatccca gagaagatga    120
agaaggactt cagagccatg aaggatttgg ctcagcaaat caatctgagc cccaagcaac    180
accatagtgc tttggaatgc ttgctgcaaa gaattgcaaa gaacgaggca gccaccaatg    240
aactgatgcg ttgggggctc cgtctgcaaa aggatgtaca taagattgaa ggacgtgttc    300
tgccaatgga aagaattaac ttaaaaaata cttcgtttat cacatctc    348

```

```

<210> 2583
<211> 849
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(850)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(628)
<223> similar to gi3882151 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2583
tgtggatttt caggaacatc catgactgat tactgggttt tgatcttctt caacctcctc    60
ttcacatctg cccctcctgt catttatggg gttttggaga aagatgtgtc tgcagagacc    120
ctcatgcaac tgcctgaact ttacaaaagt ggtcagaaat cagaggcata cttaccccat    180
accttctgga tcaccttatt ggatgctttt tatcaaagcc tggctctgctt ctttgtgcct    240
tattttacct accagggtc agatactgac atctttgcat ttggaaaccc cctgaacaca    300
gccgtctgtg tcatcattct cctccatctg gtcattgaaa gcaagagttt gacttggatt    360
cacttgctgg tcatcattgg tagcatcttg tcttattttt tatttgccat agtttttgga    420
gccatgtgtg taacttgcaa cccaccatcc aacccttact ggattatgca ggagcacatg    480
ctggatccag tattctactt agtttgtatc ctcacgacat ccattgctct tctgcccagg    540
tttgatatac gagttcttca gggatccctg tttccatctc caattctgag agctaagcac    600
tttgacagac taactccaga ggagaggact aaagctctca aggaagtggg agagggggct    660
gggaaagatg gaatcaagtg gacatcaaag tatggttaac cattcaggtg ggcaagttca    720
gggaggagga ccctggctgg gcctttttgt tgtattttgc attgaagtca ggcagttccn    780
tgtttttgag gcagggaatt ttcctgtgtg gaantgttta gtcagggtatt tgnaattagg    840
cnttaggtg

```

```

<210> 2584

```


<211> 622
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(150)
 <223> similar to gi951098 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2584
 tctacactca gctagctgcc aaatcaaagt ttttaagcct aaaggtgcag acaggaaaca 60
 aaaaactgac cgagagaaga tggagaagag aacagctcat gaaaaagaaa agtatcagcc 120
 gtcctatgat accacaatcc tcacagaggt aatgtagtaa agcatttggg tttggaagag 180
 aagcaaaggt tgcataattag tctattttcta agatgagttc tgctacaaaa gggttgggga 240
 agattgggtg gcagtttgac atgttattct ctgagaaatt tctggggaaa atattttaa 300
 ttggggattt tgatagactg tttcctgggt gggatcttaa atgaagatgc tgaaatccca 360
 atgaggtctt agaaacagac cttaaaaact ttgaagttgg caagagactt aagttggagc 420
 ctagaaaagtc caatttttgt cactgctggg gttttgcatt ttttttaact ttgaatcctg 480
 ttagtcatgc atttgtttta ttggactgaa gagacatgaa acagggtgtt agatctttct 540
 ttgtataatg aaaaagacatt gatcccaatc tttggtgttt gtccagatga ggcttgagcc 600
 tataattgaa gatgcagttg aa 622

<210> 2585
 <211> 296
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(254)
 <223> similar to gil651471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2585
 ttgagcaaat tttattgctg gcgtttgggt gcaaagccgc tgaagagatg gacgagcgga 60
 ttcgcgagcg gttacattca gaagacattg ccgcacgcac gtttcatgct ctggcgctgc 120
 atattattca gcagggcagc aaaaaagttc cgatagtcag caaactggaa aatgatcccg 180
 ctgcccgta tgaactcttt attgctgagt ggcgcaagca atgcagcgaa aagaaagcgc 240
 aggcgaaagg cgccagccct tcaaactgtc cttcgttggt tttatagggg aagagt 296

<210> 2586
 <211> 352

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (89)...(240)
 <223> similar to gi3021409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2586
 aaagaggctt cttgattgtg ctgttcattg ttgtaaatcc atggagctgt gcaacagtga 60
 gtaactccag atgtcctccc tccctactgc agcccctgcc cttgatgtgg actggcagag 120
 cagcacgacc tttgcctcct gtagcacaga catgtgtatc catgtgtgca ggctcggctg 180
 tgaccgcccc gtcaaaacct tccagggaca cacagtaagt gagagctctt gtcactggtc 240
 tcgagtttgt gagaatgtga tgtgggagcc gattcttgtg tgcctagaat taaaagctac 300
 tgcagcagca gaccagctct aatgtgcccc ttggctattt gagctgtcat gg 352

<210> 2587
 <211> 543
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (107)...(545)
 <223> similar to gi3395782 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2587
 gtagtcatct tagttgtctc caattgtgcc aagcccagtg cctcaaatat agtaatcatt 60
 gatgaatgct ttttggtaaa atttgaaaca aatttttggt tttgtcttta agaccgatgt 120
 tgttgtcaac tccgttccct tggatctcgt gcttagtaga gggcctcttt ctaagtccct 180
 cttggaaaaa gctggaccag agcttcagga ggaattggac acagttggac aaggggtggc 240
 tgtcagcatg ggcacagtgc tcaaaaccag cagctggaat ctggactgtc gctatgtgct 300
 tcacgtggta gctccggagt ggagaaatgg tagcacatct tcaactcaaga taatggaaga 360
 cataatcaga gaatgtatgg agatcactga gagcttgtcc ttaaaatcaa ttgcatttcc 420
 agcaatagga acaggaaact tgggatttcc taaaaacata ttcgctgaat taatcatttc 480
 agaggtgttc aaatttagta gcaagaatca gctgaaaact ttacaagagg ttcactttct 540
 gct 543

<210> 2588
 <211> 546
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (248)...(374)

<223> similar to gi640037 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2588

aaggaaggca	ggaaagagga	tatatagacc	cttggggaaa	aagcaagtta	tcaattagaa	60
tagtgcaaaa	ttctcaagag	attctgagta	aagcagttgg	gattagttga	cagggcttct	120
taggaaagaa	ttattaaaca	tgttggaatg	aaagcagggg	gggactcagt	tggcagagtg	180
ggatgtaggg	attgtccact	aggcagaaac	acagccttca	taataatctt	catggcttcc	240
tgcagcattt	gccccatttc	cctttggagg	aatctatctg	cctttggagg	tcccagccag	300
ccagtgtcac	cgctccccc	tgggtgctcg	ctatgatcag	gccccatttt	ctgcactcgt	360
gtccatggag	cagaaggaga	ataccaagga	acaaggtgct	gaatgacatg	tcttttggtc	420
tgcattattt	tcacttgaaa	aaattgaatg	agatctaata	taggaggaaa	gaattaagtg	480
acatgcaagc	ccagacagca	catgttgata	ctgtttttatt	aagccagaag	ttacgccaga	540
gttttc						546

<210> 2589

<211> 512

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (199)...(513)

<223> similar to gi3876654 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2589

ggcttggttta	accaggataa	ggaggtaggg	gccatagaac	tggagctgat	tcctgccagg	60
ccgtttttcca	gcagcgagct	gcagagggac	aaccccgcca	cggggcaaca	gaacgcggat	120
gagggcagcg	aaaggccacc	cagagcgagc	tggagagtgg	actcaaacgg	ggcacccaag	180
acgatcgagc	actcggccac	gagccccaag	ctcctctatg	tggatagagt	tgttcaggaa	240
attctggaaa	ccgaaaggac	ttatgtacaa	gatttaaaaa	gcacgtaga	ggattacctt	300
gactgcatca	gggaccaaac	aaaacttccc	ctggggaccg	aagaaagatc	agcccttttt	360
ggaaacatac	aggatatcta	ccacttcaat	agtgaacttc	tgcaagattt	ggaaaactgt	420
gaaaatgatc	ctgtggccat	agcagagtgt	tttgtgtcca	agagtgaaga	gttccacatt	480
tatacccagt	attgcactaa	ctatccaagg	cg			512

<210> 2590

<211> 401
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (80)...(391)
 <223> similar to gi2662089 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2590
 cgagagtggg aatgtatccc aggagtccgg cccacacctat gcctcattct ctcaccattt 60
 catcagtgat gcaatgacag gtgtgcccac tgagaatgat gactttttgca ttctttttgc 120
 accaaaaagca gccatgcagg agaaggaaga agaaccagtt ataaaaatca tggttgatga 180
 tgcaattgtg ataagagaca attatttcag tctgcccgtt aataagaccg atacgagcaa 240
 agccccctta cactttccca ttctgtgat tgcgtatgtg gtgaaggagg tctctcttgt 300
 ctggcatctt tatggaggaa aggattttgg aacagtccct cccacttctc cggctaaaag 360
 ttatattagt cccacagtt cgccttctca cacaccacg a 401

<210> 2591
 <211> 501
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(75)
 <223> similar to gi3449296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2591
 tccacagtga ctactgcagc cagaacacat gcctcaatgg tgggaagtgc tcatggaccc 60
 acggggcagg tgagggctgg ggtgccaggc tgaaccagg gtttatccca gaaggctctt 120
 caggtgggaa aggcatgtca ggtgggagat ctcagagcct cctgggtcca aatttctctc 180
 tcttccccta acttgtgagt aacaggtttg aatctgcaat atctagacta ggggaagcca 240
 ggagtcttcc ttccctctca acaaaaacta tctttctact tctgggggga tgagggagga 300
 tatgaatggg gacctcaggg gcagagggtt gaattaatca cataccttag tgtcatcact 360
 ggtctatgca cagtctcctt ctattcccc tttaacttat attccactcc cttccccttc 420
 cctaacacta gaggcaaaca tttccagttt ttgaatgagc tctcgcaaaa tacatgttgt 480
 ttttcatatg cttgaatttc c 501

<210> 2592
 <211> 632

```
<220>
<221> misc_feature
<222> (180)...(401)
<223> similar to gi2623162 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2592						
gtactttaaa	ggggagggtt	ccccctttt	tcctttcctt	cctttttttt	tggggtagtg		60
attttagaaa	cagtattaag	caccttggtg	ttttgtttct	gttttcaagg	aatgcagatt		120
ctactaagat	ctccttgcaa	aatgaatgca	tttaattttc	cctatgtggt	tttcctctgc		180
aggtagtttt	cccaagagt	gctcagggtt	gtaagaatga	tatgggagga	tctcaaagag		240
tcctggagaa	acagtggacg	tcgttcctga	aggcgcgctt	gaactgctca	gttcctggag		300
actctcattt	ttattttcaac	attctccagg	cagttacaga	tgtgattcgt	atcaacgggc		360
gtgatgttgt	cctggcaacg	ttttctacac	cttaataacag	gtaatcatgc	cctagctgtg		420
ttgacctcat	caattctcttc	tggctctcct	ctcccagggy	gttctctctt	aataaaccat		480
atttgcaact	gactgaaaat	tgcattcatt	gtgtgtagct	aagaagcact	taacacttag		540
ttttcatcaa	caaattaa	gtagtttata	agcactatta	agttagggtt	taggggaagt		600
aattagataa	attatgacaa	tatcttctat	tt				632

```
<210> 2593
<211> 1047
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (11)...(569)
<223> similar to gi540271 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2593						
ggtcttggtt	tcaagggatc	atatgaaaag	tgcccagcag	ttcttccagt	tgggtgggagg		60
atcagctagt	gaatgtgata	caataccagg	gaggcagtg	atggcttctt	gtttcttctt		120
gcttaagcaa	tttgatgatg	ttttgattta	cctcaactca	tttaagagcc	acttctataa		180
tgatgacatc	tttaacttta	attatgcca	agccaaagct	gcaacaggca	ataccagtga		240
gggCGaagag	gcgttcctct	tgatccaaag	tgagaagatg	aaaaatgatt	acattttacct		300
cagctgggta	gctcggggct	atattatgaa	taagaaacca	agactagcct	gggaacttta		360
tcttaagatg	gaaacctccg	gcgagtcctt	cagtctctta	cagctcattg	ctaatactg		420
ctacaagatg	ggccagtttt	actattctgc	caaagctttt	gatgtccttg	agaggctgga		480
tcctaaccct	gaataattggg	aaggcaaacg	gggtgcctgt	gtgggcattt	tccagatgat		540
catagctggg	agagaaccca	aagagaccct	tcgagaatg	ctccattttac	tgagaagcac		600
aggtaacacc	caagtagaat	acatgatccg	gatcatgaag	aaatgggccca	aagaaaaacag		660
agtgtccatc	ctaaaatagc	gccagtgcac	taggaaccag	ctcttacttt	gacataaaac		720
tggaaatcat	tttcaactcca	gctttaatct	gtgatacagg	gctctgtttt	attgacattt		780

tccttccttg	ctctttaagc	ctcaagggtca	gagactgact	tgctgagact	tagtctcctg	840
gctgaacaga	gtgccatagt	ctgtgaccct	gtatgatcct	agtagcaata	agattttgga	900
cttatctggg	gcctttcttc	caaaaatgct	cagagtactt	ttatgcaatt	tactgacttt	960
aaggaaaaca	gtataacttt	tttttgttag	cattttatgg	cattgtctcc	tggtgcaat	1020
aacaaacatc	tttgatgttc	aagaatc				1047

<210> 2594
 <211> 420
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (189)...(300)
 <223> similar to gil78646 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2594						
gaactctcca	agccctagga	ggaggggcat	gcaggttgct	aggaggaaga	gcagcggggg	60
gagggtaggg	tgccagggc	tgacagacaaa	gtgagcttca	cccagtctca	ccttgcacac	120
cacggcctta	gcattttagt	aagctccatg	cttacatcct	gaagactgtc	cccagcccca	180
tttctgccc	tgttacagga	ggaacagacc	aagcccagtg	ggaagacata	acaggaacca	240
ccaaacttgt	atatgccaac	gagtgcgcca	acttcaccac	caatgtctct	gccaggtgag	300
acgaggccag	cccagcccag	tattgtgtgg	gccgtcctca	ggctctatgc	tgccgtccag	360
gcctgagggt	gaggctccct	cactgtcccc	tccatgtgga	agcctccgtg	accacaggtg	420

<210> 2595
 <211> 369
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (227)...(359)
 <223> similar to gi3329465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2595						
cagaacagtc	tttttaaaaa	tgaataacctg	attttagctt	tcctttgtta	aagctctcca	60
atggtacacc	tttgtaacta	gactaaaatc	tacaactacg	ggcccttgcc	tctttctcac	120
ctccttttct	gccactttta	acctttgttt	actttaaccc	actgacactg	gttttactct	180
tgattctcaa	acatggaaaa	acagatagat	gttttctttc	tcttaacaga	attgtgaaaa	240
attgggtgag	ctgctgttat	gtgaggctca	gtgctgtggg	gctttccacc	tgagagtgcct	300

```
tggattgact gaaatgccaa gaggaaaatt tatctgcaat gaatgtcgca caggtaaaaag 360
agatatcgg 369
```

```
<210> 2596
<211> 432
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (330)...(429)
<223> similar to gi4826454 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2596
ggcccctagt ccaaggccct ggccaccctt cacagctgcc accacagagg gaaaggaaac 60
aatgtcattt aaccttcata gcagctttgg taataggaac agcagcggcc acagcaaaca 120
tttactgagc caagtccatt aagccctaca tgtgcgttac cggcatggtc tctggattga 180
tgattcttct gttacttcct actgtggagg ataaggccct ctgtagtgcc ttttaccaaa 240
gaccaaagct gcatgcccac catgtatcaa gttcagtaac ccccttcttc tagagaatgc 300
atgtggaccc tgtgggggtg attctgacca ctgagtgttt ccaggttcca cagcagaaaag 360
ccatggcacc acttcacccc catcctgccg gaatgagaat caatgttggtc aataaccacc 420
aggccgtgta tt 432
```

```
<210> 2597
<211> 404
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (3)...(395)
<223> similar to gi5824570 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2597
aagaaatggt ggcattactt cttggtcaag gagcaaatat caatgcacag acagaagaaa 60
ctcaagaaac tgccttgact ctggcttgct gtggaggctt tctggaagtg gcagactttc 120
taattaaggc aggagccgat atagaactag ggtgttctac ccctttaatg gaagctgctc 180
aagagggtca tttggagtta gttaaatact tattagctgc aggagctaac gttcatgcaa 240
caacagcaac aggggataca gcactaacat atgcctgtga aaatgggtcat actgatgtag 300
cagatgtctt acttcaggca ggcgcagatc tggaacatga atctgaaggt ggaagaactc 360
ctttaatgaa agctgcaaga gctgggtcatg tttgtactgt tcag 404
```

<210> 2598
 <211> 2821
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(2440)
 <223> similar to gi3255965 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2598

aagagatcag	tgccactcag	atcatcgtct	gcacccccga	gaagtgggac	atcatcaccc	60
gcaaggggtg	tgagcgcacc	tacacccagc	tggtgcggct	catcattctg	gatgagattc	120
atcttctcca	cgatgacaga	ggctcctgtct	tagaagcttt	agtggccagg	gccatccgaa	180
acattgagat	gacccaagag	gatgtccgac	tcattgggtct	cagtgccacc	ctacccaact	240
atgaagatgt	agccaccttt	ctacgtgttg	accctgccaa	gggtctcttt	tactttgaca	300
acagcttccg	tccagtgcct	ctggaacaga	catatgtggg	tatcacagag	aaaaaagcta	360
tcaagcgttt	ccagatcatg	aatgaaatcg	tctatgaaaa	aatcatggaa	catgctggaa	420
aaaatcaggt	gctgggtgtt	gtccactccc	ggaaggagac	tggaaagaca	gccagggccca	480
tccgggacat	gtgcctagaa	aaggacactc	tgggtctgtt	tctgagggag	ggctcagcct	540
ccacagaagt	cctgcgaaca	gaagctgagc	agtgcaagaa	cctagagctg	aaggatcttc	600
tgccttatgg	ctttgctatt	catcacgcag	gcattgaccag	ggttgaccga	acactcgtgg	660
aggatctttt	tgctgataaa	catattcagg	ttttagtttc	cacagcaact	ctagcttggg	720
gtgtgaatct	ccctgcacat	acagtcatca	tcaaaggcac	ccagggtgtac	agtcagagaa	780
aggggcgttg	gacagaactg	ggagcactgg	acattctgca	gatgctggga	cgtgccggaa	840
gaccccagta	tgacaccaag	gggtgaaggca	tactcatcac	atctcatggg	gagctacagt	900
actacctgtc	cctcctcaat	caacaacttc	ctattgaaag	ccagatgggt	tcaaagcttc	960
ctgacatgct	caatgcagaa	atcgtgctag	gaaatgtcca	gaatgccaa	gatgcggtga	1020
actggctggg	ctatgcctac	ctctatatcc	gaatgctgcg	atccccaacc	ctctatggca	1080
tctctcatga	tgacctcaag	ggagatcccc	tgctggacca	gcgccgacta	gatctggttc	1140
atacagctgc	cctgatgctg	gacaagaaca	atctggtcaa	gtacgacaag	aagacgggca	1200
acttccaggt	gacagaactg	ggccgtatat	ccagccacta	ctacatcacc	aatgatacag	1260
tgcagactta	caaccagctg	ctgaagccca	ccctgagtga	gattgagctt	ttcaggggtct	1320
tctcattgtc	ctctgagttc	aagaacatca	cagtgaagaa	ggaggagaa	ctggagctgc	1380
agaagttgct	ggagagggtg	cctatccctg	taaaaggagag	cattgaggaa	cccagtgcata	1440
agatcaacgt	tcttctgcaa	gccttcatct	cacagctgaa	attggagggc	tttgactga	1500
tggctgacat	gggtgatgtc	acacagtcgg	ctggccggtt	gatgcgagcg	atatttgaaa	1560
ttgtcctgaa	ccgaggttgg	gcacagctta	cagacaagac	cctgaacctc	tgcaagatga	1620
tcgacaaacg	catgtggcag	tccatgtgtc	ctctgcgcca	gttccggaaa	ctccctgagg	1680
aagtagtgaa	gaagattgag	aagaagaatt	tcccctttga	gcgtctgtac	gacctgaatc	1740
ataatgagat	tggggagctt	atccgcatgc	caaagatggg	gaagaccatc	cacaaatatg	1800
tccatctgtt	tcccaagctg	gagttgtcag	tgcacctgca	gcctatcaca	cgctccaccc	1860
tgaaggtgga	gctgaccatc	acgccagact	tccagtggga	tgaaaagggtg	catggttcat	1920
ccgaggcttt	ttggattctg	gtggagggatg	tggacagcga	ggtgattctg	caccatgagt	1980
atcttctcct	caaggccaag	tacgccagag	acgagcacct	cattacattc	ttcgtgcctg	2040
tctttgaacc	gctgccccct	cagtacttca	tccgagtggg	gtctgaccgc	tggctctctt	2100
gtgagaccca	gctgcctgtc	tccttccggc	acctgatctt	gccggagaag	tacccccctc	2160
caaccgaact	tttggaacctg	cagcccttgc	ccgtgtctgc	tctgagaaac	agtccttttg	2220

agagtcttta	ccaagataaa	tttcctttct	tcaatcccat	ccagacccag	gtgtttaaca	2280
ctgtatacaa	cagtgacgac	aacgtgtttg	tgggggcccc	cacgggcagc	gggaagacta	2340
tttgtgcaga	gtttgccatc	ctgcgaatgc	tgctgcagag	ctcggagggg	cgctgtgtgt	2400
acatcacccc	catggaggcc	ctggcagagc	aggtatgacg	tggcgctgtg	tcatgtgaat	2460
ttcccaagaa	gcatttcac	tgtgattccg	tatgaaggct	ttctaagccc	tgaaatttgc	2520
agggtcattt	cctcagtttg	tgtattaaag	aaaagctgcc	ccagccaagc	gtggtggctc	2580
acgcctgtaa	tcccagcact	ttgggaggcc	gaggcgggca	gaactcctga	cctcaggtga	2640
tccgcccacc	tcagcctctc	agaagtgctg	ggattatagg	cctcagtgag	ccactatgcc	2700
cagccaaggg	aattcttttag	catcttgaaa	caatgacata	aaattgcttt	atgtgccaat	2760
gtctaggttc	ctttaactag	attgttaatt	gagaatttct	tttataaaact	tactgccttt	2820
t						2821

```

<210> 2599
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(377)
<223> similar to gi3983152 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2599		
aaaaggaact	ccagcaactt ttatttttcag tcccaccagg atattttgcga tatactccag 60	
agtcactctg	gagggacctg atctcagagc acagaggact agaggagtta ataaataagc 120	
aaatgcgacc	tttcttttcg ggaattttga tcttctctag aagttgggct gtggacctga 180	
acttgcagga	gaagccagga gtcactctgt atgctctgct gatagcacag aacagcaccc 240	
ccattctcta	caccattctc agggagcagg atgcagaggg ccaggactac tgcaacttgca 300	
ctgcctttac	tttgaagcag aagctagtga acatgggggg ctacaccggg aaggtgtgtg 360	
tcagggccaa	ggtcctctgc atgagtcctg agagcagcgc agaggccttg gaggctgcag 420	
tgtct		425

```

<210> 2600
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(210)
<223> similar to gi4530437 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

09408725.013100

<400> 2600
ctttaaaggt ttctgatgaa ttagtgcagc aatatcaaat taaaaaccag tgtcttttcag 60
caatagcatc tgatgcagaa caagaaccta aaattgatcc atatgcattt gttgaaggag 120
atgaggaatt cctttttcct gataaaaaag atagacaaaa tagtgagaga gaagctggaa 180
aaaaacacaa ggtaagagaa atcacagtac accaaagggt cactgttgat tttgtagcac 240
tgcatatagt aacactctta ctaccacagt tatctcactt cttttgtctt agaatagaaa 300
gagtaatcat ttatttagaa aaacctatth ttgcccggct gcggtggctc atgcctg 357

<210> 2601
<211> 540
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (429)...(543)
<223> similar to gi436218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2601
accattgaga gttttaataa tacgtaacta cagaaaatgg agaaccacaaa ttattgtctg 60
taaacagggtg accttaaaat atagagaagg aagcaaagtt actaaaccta aatagttgcg 120
ggcctgcgct caaagccagg cctttgttaa tacttttaac aaagtattct ttgttaaaag 180
agagattagc agatacaagt gttaacatca aaccagact tctgagtctg aaaaagagct 240
ggccggggaa tgccctcctc ataccccaag cccgactgca acgcagtgac tctgggaagc 300
aaccagcct tactctagt tgttttgtcc ccgcactctg tgctggggta tggattctct 360
ggcctcctct aagggcagaa gcttgaggct ttgcctgcac gcttgggtaa ctgtaaacad 420
catcttcagg cataaacat gggcctgtga ttgctggagt gattggggcc cgaaaacctc 480
agtatgacat ctggggaaac actgtcaatg tggccagccg aatggaaagc actggagAAC 540

<210> 2602
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(398)
<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2602

0045875.012100

```
cccatcctt ggagtgggtca gccagctacc tgggtggcagg ttgattatat tggacctctt 60
ccatcatggg aagggcagag gtttgtcctc actggaatag acacttactt tagatatggg 120
tttgcctatc ctgcatgcaa tgcttctgtg aagactacca tccatggact cacagaatgc 180
cttgtccacc atcatgggtgt tccacacagc attgcctctg accaaggcac tcactttatg 240
gctaaagaag tgtggcaggg ggctcatgct catggaattc actggtctta ccatgttccc 300
catcatcctg aagcagctgg gttgacagaa tgggtggaatg gccttttgaa gtcacaatta 360
caacaccaac taggtggcaa tactttgcag ggctggg 397
```

```
<210> 2603
<211> 579
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(229)
<223> similar to gil364263 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2603
ctgtcctctt cagcctcagt caacagctgt gctgtgaacc cttgtcttca caatggcgaa 60
tgcgtcgcag acaacaccag ccgtggctac cactgcaggt gcccgccttc ctggcaaggg 120
gatgattgca gtgtggatgt gaatgagtgc ctgtcgaacc cctgcccac cagagccacg 180
tgcaacaata ctcagggatc ctttatctgc aaatgcccgg ttgggtacca gttggaaaaa 240
gggatatgca atttggtttag aaccttcgtg acagagttaa aattaaagag aacttttctt 300
aatacaactg tggaaaaaca ttcagaccta caagaagttg aaaatgagat caccaaaacg 360
ttaaatatgt gtttttcagc gttacctagt tacatccgat ctacagttca cgcctctagg 420
gagtccaacg cgggtggtgat ctactgcaa acaacctttt ccctggcctc caatgtgacg 480
ctatttgacc tggctgatag gatgcagaaa tgtgtcaact cctgcaagtc ctctgctgag 540
gtctgccagc tcttgggatc tcagaggcgg atctttaga 579
```

```
<210> 2604
<211> 1036
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (78)...(730)
<223> similar to gi3874766 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2604
```

```

aaaagaaaga tgtggcccaa agcctagaga actatacgtc caagtgtcct gggaccatgg      60
agcccatcgc cctccctggc ggcctcacc tgccaccggg gcccttcacc aagcttccca      120
tcgtcaggca tgtgaaacta ttgaaccttc ctgctagcct ccggccacac aaaatgaaaa      180
gcttgctggg tcagaacgtg tcaacaaaa gtcctttcat ctattcacca attatcgcac      240
acaaccgtgg agaagagcgg aacaagaaaa tagatttcca gtgggttcaa ggagatgtgt      300
gtgaagttca gctgatggta tataacccaa tgccgtttga acttcgagtt gaaaacatgg      360
ggctgctcac cagcggagtg gagttcgagt ctctccctgc ggcgctttct cttccggctg      420
aatctggtct gtacccagtg acgctcgtcg ggggtcccgca gacgactgga acgattactg      480
tgaacggtta ccataccacg gtcttcgggtg tgttcagtga ctgtttgctg gataacctgc      540
cgggaataaa aaccagtggc tccacagtgg aagtcattcc cgcgttgcca agactgcaga      600
tcagcacctc tctgccaga tctgcacatt cattgcaacc ttcttctggt gatgaaatat      660
ctactaatgt atctgtccag ctttacaatg gagaaagtca gcaactaatc attaaattgg      720
aaaatattgg aatggaacca ttggagaaac tggaggtcac ctcgaaagtt ctcaccacta      780
aagaaaaatt gtatggcgac ttcttgagct ggaagctaga ggaaaccctt gccagttcc      840
ctttgcagcc tgggaagggtg gccacgttca caatcaacat caaagtgaag ctggatttct      900
cctgccagga gaatctcctg caggatctca gtgatgatgg aatcagtggt agtggttttc      960
ccctgtccag tccttttcgg caggtcgttc ggccccgagt ggagggcaaa cctgtgaacc     1020
caccgcagca tgtatt                                     1036

```

```

<210> 2605
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(377)
<223> similar to gi214636 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2605
ctgggtgata aaagtgcaga tgggtgcagct gcatattgca aaaccccgcc tggatgacta      60
ctattaccag gaatattacc agaagctaga gaagaagcag gcagacgaag agctacttgg      120
acgaagaaac cgggttgagt ccctcaagct ggtaacgcct tacattccga aggcagaggc      180
ttatgagtcg gtggtccgaa tcgagggttc cctgggccag gtagctgtgt cgacatgctt      240
cagccctcgc cgagctattg atgcgggtacc ccatggaact caagagcagg atatagaagc      300
tgcaagcagt cagaggcttc gggtattata ccggattgag aagatgttcc ttcagttact      360
agaaatagag gaaggctgga agtataggcc tccaccgcc                                     399

```

```

<210> 2606
<211> 670
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (22)...(299)
 <223> similar to gil685051 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2606
 gcaatgaaaa gataggggag tgggtgcagt gtttgtttgg caggcccagg ctggtcaggg 60
 acagggtttg accctctggc tttgtcctca gatgtgaatg aatgcacctc cggacaaaac 120
 ccgtgccaca gctccaccca ctgcctcaac aacgtgggca gctatcagt cgcgtgccgc 180
 ccgggctggc aaccgattcc ggggtccccc aatggcccaa acaataccgt ctgtgaaggt 240
 cgagagctca gatcccacgt ttctagcgac ccacaaacat ctgatcacat gttcaacggc 300
 gcccacacaa accaagcaga atgagcgctg gaggcacctg gctgtgccag gcgttcgttc 360
 attcttctga ggctagatga gaaaagagca agggtcctcc ggaaggagct ggggtactga 420
 ggggggaggc tcagggggac cccaggcaac agctgatgac tcaactgggag gaaggcgttt 480
 caccatattc ataacctgct catctgcacg gggccacact gctgtgccca ggccctctcca 540
 cgcttccata acccagcgtc caccactcca agggggggcac taatgccagg aggaatgagc 600
 tgggggcaca gacaggagac aggaccctct ccaggctggg acaggacctg acccccttct 660
 tcctgtcctc 670

<210> 2607
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(564)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (1)...(563)
 <223> similar to gi3790389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2607
 gctgatgaca ccttacactt atggaattta cgtcagaaga ggcctgccat actacattcg 60
 cttaaatttt gcagagaaaag ggttacattt tgccatctgc ctttccagag taagtggctc 120
 tatgtgggca ctgaacgagg taatatacat attgtcaatg tggagtcctt cacactctca 180
 ggctacgtca ttatgtggaa taaagccatt gaactgtcat ctaaatctca ccaggacct 240
 gtggtccata taagtgataa tccaatggac gagggaaaagc ttttgattgg ctttgaatct 300
 ggaacagtag ttttatggga cctcaaatca aagaaagccg actacagata cacatatgat 360
 gaggctatcc actctgttgc ttggcatcat gaaggaaaac aatttatattg cagtcattca 420
 gatggcacct tgactatatg gaatgtaagg tcccctgcta aaccagtaca gacaatcact 480
 ccacatggaa aacagttaaa ggatgggaag aagccagaac catgcaaacc tatectcaag 540
 gtggaattca naacgactag atc 563

<210> 2608
 <211> 1404
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (948)...(1230)
 <223> similar to gi4850180 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2608
 ttccacaatc aacttttgga tgttttgact ggcaggagct tcagctggtg taggcggtgc 60
 cagggacaaa gggggaaaag tgccccggcc tctgggagaa gcacttcccc accctcatcc 120
 tgggaagcca tcgagtgggc accaatgggg ttcttgggtt ccagtcgtgg ctctatttct 180
 caaagccctg tgaccgtggg cacgttgccg aacctctgtg ggctcttgcc ttcaccaaca 240
 cctatctctt ctacggtgcg taccgagtgg ggccggagag cagctccgtg tacagcatcc 300
 gcctggccta cctcctcagc ccgctggcct gcctgctcct ctgcttctgt gggactctgc 360
 ggcgatggt gaaggggctg ccgcagaaga ctctgctggg tcagggctat caggcgcctc 420
 tcagcgccaa ggtcttctcc tcatgggact tctgcatccg ggtgcaggaa gcagccacca 480
 tcaagaagca tgagatcagc aacgagttca aggtggagct ggaggagggc cgtcgttcc 540
 agctgatgca gcagcagacc cgggccaga cggcctgccg cctgctctcc tacctgcggg 600
 tcaacgtact catcgggctc ctggtggttg gggccatcag cgccatcttc tgggctacca 660
 agtactcaca ggacaacaag gaggagtccc tgtttctgct gctccagtac ctgccccctg 720
 gggtcacgac cctgggtcaac ttcttgggtc cctgctggtt cacatttctg gtccagctgg 780
 agaactaccc tcccaacacg gaggtcaacc tcaactctgat ctggtgcgtg gtgctgaagc 840
 tggccagctt ggggatgttc tccgtctccc tgggtcagac catactgtgc attggcagag 900
 acaagagcag ctgtgagtcc tacggctaca acgtttgtga ctatcagtgc tgggagaact 960
 ccgtggggga ggagctgtac aagctgagta tcttcaactt cctcctcacc gtggccttcg 1020
 ccttctctgt caccctgcct cggaggctgc tgggtggaccg gttctcaggc cggttctggg 1080
 cctggctgga acgggaggag ttcttgggtc ccaagaatgt gctggacatc gtggcggggc 1140
 agacggtcac ctggatgggc ctcttctact gccccctgct gccccctgct aatagcgtct 1200
 tctcttctct caccttctac atcaagaagg tgacggctca tggctggggg gtatgggggt 1260
 cgtgcctctg ggtggatgcc ttgagctggg ctgcctcct gctcctgctc ctgccccctt 1320
 ccctgggtgt cagccccctg ggggtctgcat aactcgctga ctctggttg ctattgcttg 1380
 cgccccagat acacccttct gaaa 1404

<210> 2609
 <211> 799
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(576)
 <223> similar to gi3881525 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	2609						
cggacgcgtg	ggctgcttcg	aagggcgttt	ccatgaacgc	tgtcagcagc	cctgcaagcg		60
cctgcttatc	tgtcacaca	agtgccagga	accatgcatt	ggtgagtgcc	cacctgccca		120
gcggacctgt	cagaaccgct	gtgtccacag	ccagtgcaag	aagaaatgtg	gggagctgtg		180
tagtccctgc	gtggaaccct	gtgtctggcg	ctgccagcac	taccagtgca	ccaaactctg		240
ctctgagccc	tgcaaccgac	ccccatgcta	tgtgccttgt	actaagctgc	tagtttgtgg		300
ccacccctgc	attggtctct	gtggggagcc	atgccccaa	aatgcccga	tctgccacat		360
ggatgaggtc	acccaaatat	tctttggctt	tgaggatgag	cctgatgcc	gctttgtgca		420
gctggaagac	tgcagccaca	tctttgaggt	gcaagcccta	gaccgctaca	tgaatgaaca		480
gaaggatgat	gaagtcgcca	tcagattgaa	agtctgccct	atctgccagg	tgcccatccg		540
caaaaacctg	aggtatggaa	ctagcataaa	acagcggcta	gaagagattg	aaatcatcaa		600
ggaaaagatc	cagggctcag	caggggaaat	agcaaccagc	caggaacggc	ttaaggccct		660
gctggagagc	aagagcctcc	tcaccagact	gcttcctgaa	gacttcctga	tgttaaagga		720
gaagctggcc	cagaaaaatc	tgtcagtgaa	ggacctgggt	ctggatgaga	attacatcaa		780
cttctatgac	cacctggcc						799

```
<210> 2610
<211> 767
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (426)...(581)
<223> similar to gi439296 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2610						
cgtcagggag	ggctccctgg	tggaggaggc	cctgaagctc	agtgtgaaga	gttcatgtgt		60
ggatctggtt	ggggatggca	taaccagctc	agggagcagg	ccccagcagt	gggtgtggga		120
accccatgat	gggcagtggt	cagctgtggt	cactgcatgt	gggctggggg	gggaggtggg		180
ggacaggttg	gcaggggcta	caaacagcct	cgaaggccct	gctggggatc	cctggacttc		240
accgtggaga	agtttaagcc	aagctgcctc	attgtcagag	tagagctttt	gagcagttgt		300
caggcattta	gcagtgagtg	ggtcagaacg	ggttggcgga	gacagaagct	gggggcggtg		360
agcctgagcc	cggtgattgt	gaaagtcaga	cctttttctg	ggaaaggctg	gggttccttg		420
aggcctgcat	ctccgacttc	agcctccagc	agctgcgggt	gctagacctg	agctgcaaca		480
gcatcgaggc	ctttcagacg	gcctcccagc	cccaggctga	gttccagctc	acctggcttg		540
accttcatac	tggctctctg	cactcctctc	accacgctgg	ccgcctgctg	ctgcgtccgc		600
cggcagaagt	ttaaccaaca	gtataaagcc	ccgtcatgtc	ctcttctgcc	tccagcctct		660
ccctgtttac	gtcttctctc	cagacttcag	ctggactcaa	gtcttgtccg	tcttaaaaat		720
agtgagaagc	ccctcagcca	ctttcccttt	cgtcctccca	ctcttcca			767

<210> 2611
 <211> 1220
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (178)...(1218)
 <223> similar to gi3881525 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2611
 tttttttttt ttaagaaaaa tagaggccag gtgcggtggc tcacacctgc aatcccagca 60
 ctttgggagg ccaaggtctc tctctggagc agagtaagtg gccagtgcag gtcaagagag 120
 gaagaaaaaa acaagtgcc aagagtgaacc ttttaacatg tcacttcttt tccctgtcag 180
 ggggtgtctt ccaacctttt cttttagtaa cacaactttc ctgaacagga aatccaagag 240
 ggcaaaagcc atcagaacca gcatgaggct cactttgtgg tagagctgtg caagtacttc 300
 ctgtgccagg aatacctgcc ttcccagatc accatcctca ctacctatac cgggcagctc 360
 ttctgcctgc gcaaactgat gcctgccaaag acatttgctg gcgtcagggg ccatgttggtg 420
 gacaaatacc aaggggaaga gaatgacatc atcctcctct cgctagtgcg gagcaaccaa 480
 gaaggcaagg tgggttttct gcagatatcc aaccgcatct gtgtggcctt gtcccagagc 540
 aagaagggaa tgtactgcat cggaacatg cagatgctgg ccaaggtgcc cctgtggagc 600
 aagatcattc atacacttcg agagaacaat caaataggcc ccatgctccg gctctgctgc 660
 cagaaccacc ctgaaaccca caccttagta tccaaagctt ctgacttcca aaaagtaccc 720
 gaaggaggct gcagcctgcc ctgcgagttc cgctgggct gtgggcatgt ctgcacccgt 780
 gcctgccacc cttatgactc ttacacaaag gagttccaat gcatgaagcc atgccagaag 840
 gtcactctgc aggaagggca ccggtgtccc cttgtttgct tccaggagtg tcagccttgt 900
 caggtgaagg tgcccaaaac cattcctcgg tgcggccatg aacaaatggt cccttggtcc 960
 gtgcctgagt cagatttctg ctgccaggag ccttgctcca agtctctgag atgtgggcac 1020
 agatgcagcc acccatgtgg tgaggactgt gtgcagttgt gttcagaaat ggtcaccata 1080
 aaactcaagt gtgggcacag tcaaccggta aaatgtggtc atgtggaagg cctcctgtat 1140
 ggtggtctgc tagtcaagtg taccacaaag tgtggcacta tcttggaactg cgggcatcct 1200
 tgcccaggct cctgccacag 1220

<210> 2612
 <211> 717
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (181)...(397)
 <223> similar to gi307082 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2612
 tgaactgagc caccagaga cttcaggcag aaatcaccaa cctcaggaaa cagatgggac 60

cccaactcag	cagtgtgctg	ccctgcaaga	caccatcctg	gaggcagagc	agaagggcaa	120
ggtagccatc	ggagatgccc	aggacaagct	ggctgaggtg	gaggctggac	cagctgctct	180
gtgcggttcc	tggagcagca	gaaccaggtg	ctggagacca	agtgggagct	gctacagcag	240
ctggacctga	acaactgcaa	gaataaacctg	gagcccatcc	ttgagggcta	catcagcaac	300
ctgcggaagc	agctggagac	gctgtctggg	gacaggggtga	ggctggactc	ggagctgagg	360
agcgtgcggg	acgtagtgga	ggactacaaa	aagaggtgag	caggaggagt	ccccctgtaa	420
ctggacaact	gcccttgtcc	ctccaaggga	cccctggcag	tcaccccagc	ttaaatgctt	480
tggaggtcag	tggagggcat	tgttcttggt	catatcaagc	agaatcacc	caacaaaact	540
ctggaacttg	ctctctgctc	ctccagcctc	tggcctgact	cttaggacaa	atgccagtg	600
agctgggcag	tgggcagagg	gttatctctg	gctctgggtt	tagggaatgt	ttggggaaac	660
cactcacgtt	ctcctcccat	gtaagaggag	ggttaagtgc	atctggcttc	aagactg	717

<210> 2613
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (202)...(15)
 <223> similar to gi3184100 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2613	
cccacgcgtc	cgtgacactc caagagtctt tcaccaaaca ggtagttggt cattgtttca 60
gcaactatct	tggcaacatc ctcagactca aactccacaa atgcatagcc ttggccattt 120
ccagtcattt	tacttctgga cagtctgaac tgtgtcacag tgccaaactg ggagaaatat 180
gaaaagatct	gggtttcggt aagtaggggt gttcttggtt tttttgctgg gttatgtgct 240
tgcaaacctg	cgccacctcc ttttgaaact ggacatcttc ctgcgggtta agcagtgaga 300
tctcagccag	gccagaaaaa gctgccatgc caaaagcggc cgacactaac tccacgcggt 360
gctcctggaa	acgtcgggct cccagctccc atgaggcaga aaacgggcat ctattctttt 420
aacatac	
	427

<210> 2614
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (21)...(419)
 <223> similar to gi687822 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2614
tttgcagtgg aacatttttt ccatatagct ccaatcctgc taatccgaag ccaaagagag    60
tgttttcttca gcatatgact agaacattcc atgacttgga aggaaatgca gttaaacggg    120
actctggaat atggatcaat gggtttgatt atactggaat ttctcacata acccctcaca    180
ttcctgagat caatgatagt atccgagctc actgtgagga gaatgcacct ctttgtgggt    240
ttccttggtta tcttccagtg cactttctga tcaggaaaaa ctggtatctt cctgccccag    300
aagtttctcc aagaaatcct cctcatttcc gactcatatc caaagaacag acaccttggg    360
attctataaa attgactttt gaagcaacag gaccaagcca tatgtccttc tatggt      416

```

```

<210> 2615
<211> 497
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(498)
<223> similar to gi3021409 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2615
agacattgta tacgagaagg ggggcacgac gtcccaagta ataaagatgt cacctcactg    60
gactggaaca gtgatggaac actattggct atgggttcat atgatggttt cgcaagaata    120
tggacagaaa atggtaacct ggccagcacc ttatgccaac ataaaggccc catcttcgct    180
ctgaaatgga acaaaaaggg gaattatggt ttgagtgtct gtgtagacaa aacaacaata    240
atttgggatg ctcacacagg agaagccaaa cagcagtttc cttttcattc agcccccgcc    300
cttgatgtgg actggcagaa caacatgacc tttgcctcct gtagcacaga catgtgtatc    360
catgtgtgca ggctcggtg tgaccaccca gtcaaaacct ttcaggga cacaacagag    420
gtcaatgcca tcaaatggga tccttctgga atgttgctgg cggtctgctc ggatgacatg    480
acattgaaga tctggag      497

```

```

<210> 2616
<211> 498
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(499)
<223> similar to gi3806122 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2616
tttcgtggcg ccgtgggcaa gagcagcctc atcgtcagct acacctgcaa tgggtacccc 60
gcgcgctacc ggcccactgc gctggacacc ttctctgtgc aagtcctggt ggatggagct 120
ccggtgcgca ttgagctctg ggacacagcg ggacaggagg attttgaccg acttcgttcc 180
ctttgctacc cggataccga tgtcttcctg gcgtgcttca gcgtgggtgca gccagctcc 240
tttcaaaaca tcacagagaa atggctgccc gagatccgca cgcacaaccc ccaggcgcct 300
gtgctgctgg tgggcaccca ggccgacctg agggacgatg tcaacgtact aattcagctg 360
gaccaggggg gccgggaggg ccccggtgcc caaccccagg ctgaggggtct ggccgagaag 420
atccgagcct gctgctacct tgagtgtctca gccttgacgc agaagaactt gaaggaagta 480
tttgactcgg ctattctc 498

```

```

<210> 2617
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (304)...(780)
<223> similar to gil93367 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2617
tctaaaggct cctttgcttt tgggaaatgt gctcagagga agaactctgc agctgaactg 60
tccctccctc tggggctgcc ctgggtcttt ggctgcctgt gtcctcaggg tggggcaggt 120
tggcacttcc ctctggctct ccccgagca gggcttgccg cttgtcctcc tctctactca 180
caaaaccctc ctggatggga tctgctgcc ctttatgctg ctctcccagg gcctgggtgt 240
gcttcgtgtg gcctgggact cccgcgcctg ctccccctgc ctgaggcctc ggccccctg 300
gggctgtgga caggagctct ggctgtccta cgtagcttgg ggagccgctg gggctgcagc 360
caccggatct gctcctgggt gcgcctagct cagccctttt ccctgcagga atacatcgtc 420
agtgccagaa gctgctgggg cggcaaacag accctggagc agctactgca gcccatcgctg 480
ctggggcaat gtactgctgt cccagacact gagaaggagc aggagtggac ccccataact 540
gggcctctcc tggccctcaa ggaagaggac cagctcctgg tcaggagact gagctgtcat 600
gtcctgagtg ccagagtagg gagctctgcg gagatgagca cggccattat ggcaacgctg 660
ctgctcttca agcatcagaa ggggtgtgtt ctgtcgcagc tcctggngga gttctcctgg 720
ctgacggagg agatactagt gcgtggcttt gatgtangct tctctgggca gctgcggagc 780

```

```

<210> 2618
<211> 558
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (2)...(554)
 <223> similar to gi4887715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2618
 cccccgaagg gccagggccc tgctggacgt gacactgctg gacatcaatg accatgcccc 60
 ggctttcaat cagagccgct accatgctgt ggtgtctgag agcctggccc ctggcagtcc 120
 tgtcttgacg gtgttcgcat ctgatgccga tgctgggtgc aatggggctg tgacttacga 180
 gatcaaccgg aggcagagcg agggatgatg acccttctcc atcgacgcac acacggggct 240
 gctgcagtta gagcggccac tggactttga gcagcggcgg gtccatgaac tgggtggtgca 300
 agcacgagat ggtggggctc accctgagct gggctcggcc tttgtgactg tgcattgtgcg 360
 agatgccaat gacaatcagc cctccatgac tgcattcttt ctcatgtcag atggctcccc 420
 ccaagtgtct gagggccgcc cacctggaca gctcgttgct cgcattctctg tgcagacccc 480
 agatgatggt gactttgccc atgtcaatgt gtccctggaa ggtggagagg gccactttgc 540
 cctaagcacc catgtatt 558

<210> 2619
 <211> 569
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(571)
 <223> similar to gi663111 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2619
 caccgtgctg gaattccccg gtcgacgatt tcgtcaggag caccgggtgca gcccaagtgg 60
 tgactgtctc aatgtccctg gtcctaccg ctgcacctgt cgccagggct ttgccgggga 120
 tggcttcttc tgcgaagaca gggatgaatg tgccgagaac gtggacctct gtgacaacgg 180
 gcagtgcctc aatgcgcccg gcgggtaccg ctgtgaatgt gagatgggct ttgacccccc 240
 cgaggaccac cgggcctgcc aggatgtgga cgagtgtgag caagggaacc tctgtgcatt 300
 tgggagctgt gagaacctgc ctggaatggt ccgctgcac tgcaatggtg gctacgaact 360
 ggaccgaggg ggtggcaact gcacagacat caacgagtgt gcagacccag taaactgcat 420
 caacggcggtg tgcatataca cccccggcag ctacctctgc agctgcccc aggattttga 480
 gctgaacccc agcggagtgg gctgcgtgga cactcggggc gggaactgtt tcctggagac 540
 gcatgaccga ggggacagtg gcatttcct 569

<210> 2620

<211> 568
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (161)...(555)
 <223> similar to gi3875423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2620
 caccgttctt gaattccccg gtcgacgatt tcgttgcaag aggtgccact caaatcatca 60
 cagtaatgaa gtgggggccc ctgcggagac tcacctctat cagacctctc ctccgcccac 120
 caacacgcgg gaatgcggcg ctgaggagct ggtctgcgcc gtggaagccg tgatcagctt 180
 gttgaaagaa gccgagttcc atgctgagca gcgagaacat gagctgaacc ggcggcggca 240
 gctgggcctc tcctcttccc accattccct ggataatgct gactttgata acaaggacga 300
 tgataaacac gatcagagcg tgctcagtca attcgggaata tggttcttag tgagcctctg 360
 cacacccagt gagaacacgc ctacagaaag cttggcccgg ctggtggcca tgggtgtttca 420
 gtgggtttcac tccactgcgt atatgatgga tgatgaagtg ggaagtctgg tggaaaagct 480
 gaagcctcag tttgtcacca aatggctgaa gaccgtatgt gatgttcgct tcgatgtcat 540
 ggtcatgtgc cttcttccta aacccatg 568

<210> 2621
 <211> 542
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (175)...(543)
 <223> similar to gi438056 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2621
 tttcgtaaag agggactcac tgggaaatac tgtgataaat ctgttactcc tgacactgcc 60
 ttatcattag aaggcaaagg gcgcttggac taccacatga gtcagaatga gaagcgggaa 120
 tgtttgttaa ggcaaagctt acgaggtgcc atgttggagc cttttggtgt gaacagtctg 180
 gaagtaaaat ttaggaccag aagcgagaat ggcgttttaa tccatatcca agaaagcagc 240
 aattacacta ctgtgaagat taagaatggc aaagtatatt ttacatccga tgcaggaatt 300
 gctgggaaag tggagagaaa tattcctgaa gtatatgttg cagacggcca ctggcacact 360
 tttctaattg ggaaaaatgg aacagcaaca gtattgtctg ttgacagaat atataacaga 420
 gatattatcc accctactca ggacttcggt ggccttgatg tgcttactat atcacttgga 480
 ggaattccac ccaatcaagc acatcgagat gcccaaacag caggttttga tggctgcatt 540
 gc 542

<210> 2622
 <211> 557
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(385)
 <223> similar to gi5360129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2622
 gaattcccg gtcgacgatt tcgtggcgct tgcagccagg cagggcccag atcagtcctc 60
 cctcggcatg gggctggagg ctgagaggct gccaggggct gaggaggccc cagtgcgggt 120
 tgccctgcga gttcgaccac tgctgcccaa ggagctgctg cacgggcatc agagctgcct 180
 gcaggtggag ccagggcctg gccgcgtcac tctgggccgt gaccgacact ttggcttcca 240
 cgtggtgctg gccgaggatg ccgggcagga ggccgtgtac caggcctgcg ttcagcccct 300
 ccttgaggcc ttcttcgagg gcttcaatgc cactgtcttt gcctatgggtc agacgggctc 360
 aggggaagaca tacaccatgg gggaggccag tgtgggtgag tgaccctgtt cgtggccctg 420
 tgcccacttt aaggagcctt agttccttcc tggatttctg ccccgtcctc ttgctgcctg 480
 ttctgtggaa ggtggggatg ctgggggagg aagagttgat ttcctagaca gggatctgtg 540
 gcccaggctg ggaccaa 557

<210> 2623
 <211> 560
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(550)
 <223> similar to gi4038413 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2623
 ttccattaaa aaatatttga gctcagactg cccagtccca agccaatgtg tgcttgctcg 60
 gaccttgaat aaacagggca tgatgatgag tatcgccacc aagatcgcta tgcagatgac 120
 ttgcaagctc ggaggcgagc tgtgggctgt ggaaatacct ttaaagtccc tgatggtggt 180
 cggattatgat gtctgtaaag atgcactcag caaggacgtg atggttggtg gatgcgtggc 240
 cagtgttaac ccagaaatca ccagggtggtt ttcccgctgt atccttcaga gaacaatgac 300
 tgatgttgca gattgcttga aagttttcat gactggagca ctcaacaaat ggtacaagta 360
 caatcatgat ttgccagcac ggataattgt gtaccgtgct ggtgtagggg atggtcagct 420
 gaaaacactt attgaatatg aagtcccaca gctgctgagc agtgtggcag aatccagctc 480
 aaataccagc tcaagactgt cgggtgattgt ggtcaggaag aagtgcattgc cacgattctt 540
 taccgaaatg aaccgactg 560

<210> 2624
 <211> 531
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(534)
 <223> similar to gi687210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2624
 taccttggtt tatagggaattatccaga tctacgaaat gatgctgggtg agacatggct 60
 atatgattgt aggagacccc atgggcgga agacctctgc ttataaagtg ttggctgcag 120
 ctctcggcga tttacacgca gccaatcaga tggaggaggtt tgctgtggag tacaagatca 180
 tcaaccccaa ggctatcacg atggggcagc tgtatgggtg ctttgaccaa gtgagccacg 240
 agtggatgga tgggtgtcctt gccaatgctt tccgggagca agcgtcttca ctctctgatg 300
 atcgcaagtg gattatattt gatgggccag tggatgctat ttggattgaa aatatgaaca 360
 ctgttctgga tgacaataaa aagctgtgtc tcatgagtgg ggaaattatc cagatgaact 420
 ccaagatgag cctgatcttc gagcccgccg acctcgagca agcctctcca gccactgtga 480
 gcaggtgtgg gatgatctac atggagcccc atcaactagg ctggaagccc c 531

<210> 2625
 <211> 536
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(437)
 <223> similar to gi5669800 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2625
 ctgggggtgcc ccgcaacctg ccttccagcc tggagtatct gctgttgtcc tacaaccgca 60
 tcgtcaaact ggcgcctgag gacctggcca atctgaccgc cctgcgtgtg ctcgatgtgg 120
 gcggaaattg ccgcgcgtgc gaccacgctc ccaacccctg catggagtgc cctcgtcact 180
 tccccagct acatcccgat accttcagcc acctgagccg tcttgaaggc ctggtgttga 240
 aggacagttc tctctcctgg ctgaatgcc aattggttccg tgggctggga aacctccgag 300
 tgctggacct gagtgagaac ttctctaca aatgcatcac taaaaccaag gccttccagg 360
 gcctaacaca gctgcgcaag cttaacctgt ccttcaatta ccaaaagagg gtgtcctttg 420
 cccaccttgt ctctgggccc cctttccttc ggggaagcct gggtcgcccc ttgaagggag 480

ctgggacatg gcacggcaat ctttctttcc cgctccactt cgaatggggg aagacc 536

<210> 2626
<211> 539
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(540)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1)...(432)
<223> similar to gil513030 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2626
gtcagatggt tctgtgaagg gaaagaactg cacaacactc ctgatattca aatccactgt 60
gagggagggg acctccatac cctgatcata gcagaggcct ttgaggacga cacaggtcgc 120
tacacctgtt tggctacgaa tcccagcggc tcagacacaa catctgctga ggtgttcatt 180
gaaggtgcca gttcaacaga ttctgacagt gaaagttag ctttcaaadc aagagctgga 240
gctatgccac aagctcaaaa gaaaacaact tctgtttcct tgacaatagg atcatcatct 300
ccaaagacag ggggtgaccac agctgtgatt caaccactgt ctgtccctgt gcaacagggt 360
cacagtccaa cttcatatct ctgccgacct gatggaacca ctactgccta ctttcctcct 420
gtttttacaa aggaactggc aaaacacagg cccgtggcgg aaggggccag gtggtggggt 480
ctgggagtg cgggtccgtg gggcnnnacc ccctctgcag ggtccagggt ggggggtttc 539

<210> 2627
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(562)
<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2627
aagagtgtgg gaaagccttc acccattctt cataccttac tgatcataca agaatccaca 60
gtggaaagaa gccctatgta tgtatggaat gtggaaaagc cttcactaga tccacaggac 120

Run with FASTXY 3.3t00, default parameters

<400> 2629
tttcgtgtca gcacctctgt gtgagaggct gctacctgag gtgggatggc catgggtggg 60
tcccagctcc tgcaccccag tggttctcca cagggttctc tctggctccc acaccacccc 120
ctcattcctc agtttcccca tggagggcag ctgctggcat tcttgcctcg cccaggctta 180
ctatgaaggc tgctgaggaa cctgtaaaaca catctctggc ctcaccagag gcccttcctg 240
ttcgatttcc tcagatggca agactgtaaa ttcacctgtc acccagaatg ccgcagcctg 300
atccagttgg actgcagtca gcaggagggt ttatcccggg acagaccctc tccagaaagc 360
accctcaccg taaccttcag ccagaatgtc tgtaaacctg tggaggagac acagcgcccg 420
cccacactgc aggagatcaa gcagaagatc gacagctaca acacgcgaga gaagaactgc 480
ctggggcatga aactgagtga agacgggcacc tacacgggtt tcatcaaagt gcatctgaaa 540
ctccggcggc ctgtgacggg gcctgctggg atccggcccc agtccatcta tgatgccatc 600
aaggagggtga acctggcggc taccacggac aagcggacat ctttctacct gcccctagat 660
gccatcaagc agctgcacat cagcagcacc accaccgtca gtgagggtcat ccaggggctg 720
ctcaagaagt tcatggttgt ggacaatccc cagaagtttg cactttttta gcggatacac 780
aagg 784

<210> 2630
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(390)
<223> similar to gi3170979 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2630
tttcgtccca agtacacttg gtgcagtctg gggctgaggt gaagaagcct ggggcctcag 60
tgaaagtctc ctgtaaggct tctggataca tcttttagcg ctacttatta cactgggtgc 120
gacaggcccc tggacaaggg cttgagtgga tgggatgggt caatcccaaa agtggcgcca 180
cagagtatgc acagaagtct cggggcaggg tcacatgac caggatcatg tccatcagca 240
cggcctacat ggaactgagc aggccttacat ctgacgacac ggccatttat tactgcgcga 300
gagggagtta ctatgttcag ctggtgtaca gtatagtgag ggggtgcttt gacaggtggg 360
gccaggggac agtggtcacc gtctctt 387

<210> 2631
<211> 572
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(574)
 <223> similar to gi303603 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2631
 cctgctgagt ggtggtgaca agtggagccg ccaccgtcgg atgttgacgc ctgccttcca 60
 tttcaacatc ttgaagcctt atatgaagat tttcaacaag agtgtgaaca tcatgcacga 120
 caagtggcag cgccctggcct cagagggcag cgccagactg gacatgtttg aacacatcag 180
 cctcatgacc ttggacagtc tgcagaaatg tgtcttcagc tttgaaagca attgtcagga 240
 gaagcccagt gaatatattg ccgccatctt ggagctcagt gcctttgtag aaaagagaaa 300
 ccagcagatt ctcttgacac cggacttcct gtattatctc actcctgatg ggcagcgctt 360
 ccgcagggcc tgccacctgg tgacgactt cacagatgcc gtcacccagg agcggcgccg 420
 caccctcccc actcagggtg ttgatgattt cctcaagaac aaggcaaagt ccaagacttt 480
 agacttcatt gatgtgcttc tgctgagcaa ggatgaagat gggaaggaat tgtctgatga 540
 ggacataaga gcagaagctg acaccttcac gt 572

<210> 2632
 <211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (342)...(916)
 <223> similar to gi4966270 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2632
 cagatctgcg atttcttggg gacatctcgc gcatagctgc tgatgtgaca gtgttatcac 60
 atgttaattt tcctatgatg ggtcgtgtgg gagtaatcac tgtggttctt tgattctgct 120
 tagggcaagc aagctccaca tatgcggaac aaactggaaa gctgaccgaa tttgtgtcta 180
 acctggcgtg ggatttcgca gtcaaagaag ggttccgggt tttcaaagag atgcccttca 240
 caaatccgtt aacaaggctc taccacacgt gggccaggcc ccagtcccag tggtgcccca 300
 caggcagcag gatttatagc tccgttccag aagcttcccc agctcatacc tcaaggggag 360
 gtctggttat ctctccagag agcctctctc cacctgtcag agagctgtat caccggctga 420
 agcacttcac ggagcaacgt gtgtaccctg cagagccaga gctgcagagt caccaggcct 480
 cagcagccag gtggagcccc tccccactga tcgaagacct caaggagaaa gccaaagctg 540
 aaggactttg gaaccttttc ctacccttag aggtgatcc cgagaaaaaa tacggagcag 600
 gactgaccaa tgtggaatat gcacatctgt gtgagctcat gggcacgtcc ctgtatgcc 660
 ccgaggtatg taactgctct gcgcctgaca cgggcaacat ggagctgctg gtgaggtatg 720
 gcaccgaagc gcagaaggct cgctggctga ttctctgct ggaggggaaa gcccgctcct 780
 gttttgctat gaccgagccc caggttgctt cttcagatgc caccaacatt gaggcttcca 840
 tcagagagga ggacagcttc tatgtcataa atggtcacia atggtggatc acaggcatcc 900
 tggatcctcg ttg 913

<210> 2633
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(609)
 <223> similar to gi4580997 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2633
 tttcgtgcaa ctggttcggg aaggggaagc gggggttcat catgggcatc tggaattccc 60
 acacatctgt gggcgacatc ctgggctccc tgatcgccgg catctgggtg aacgggcagt 120
 ggggcctgtc gttcatcgtg cctggcatca ttactgccgt catgggcgtc atcaccttcc 180
 tcttcctcat cgaacaccca gaagatgtgg actgcgcccc tcctcagcac cacggtgagc 240
 cagctgagaa ccaggacaac cctgaggacc ctgggaacag tccctgctct atcaaggaga 300
 gcggccttga gactgtggcc aaatgctcca aggggccatg cgaagagcct gctgccatca 360
 gcttcttttg ggcgctccgg atcccaggcg tggacgagtt ctctctgtgt ctgctgatag 420
 ccaagctggt cagttacacc ttctctact ggctgcccct ctacatcgcc aatgtggctc 480
 actttagtgc caaggaggct ggggacctgt ctacactctt ccatgttggt ggcatcatag 540
 gcggaatcga ggcagggctc gtctctgact acaccaatgg cagggccacc acttgctgtg 600
 tcatgg 606

<210> 2634
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (355)...(453)
 <223> similar to gi3493328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2634
 tttcgttctg tcagaacctg atggetgcct ccagtgtcgc tcccccgag aggtgaaggc 60
 gcgggcagct ccctgagtgg tggggtcct ctgggtgcc cctcttgctg ggccaagtct 120
 gcagaccagg gactcatgag ctcgtctccg caggagcatg cggcgatgct gagtttcatc 180
 aaataggacg cagcagaagt tgggaagcac tgcagaagat gggttgtctt ccagaaagac 240
 cactgttttg gggaacagct tggctctttc ttcggccgct ggtggttga ttagctgttg 300
 gagggatgtg caggactgaa tggctagtac tgatggtttc acggctgtct ctgcaggcag 360
 ggtccctggg ctgccctctt cgtgaggacc atgtgtggac gtgtgctccc tgcagtgtc 420

```

accgggtctt gccagctgct ccgtcaccag gtgaggctct ccttcattggg ggccaccctt 480
ggggggccac tctgagggcc aggtgtctac tt 512

```

```

<210> 2635
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(343)
<223> similar to gi4062472 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2635
gccgtgcat tatctcagga atcgttctgg gatctctata tggcctgatg ccgctgtacc 60
tcaatcacia aggggtgagc aatgccagca ttggtttctg gatggcggtg ctggtcagtg 120
cgggtatcct tggacaatgg ccgattggac gtctggcgga taagtttggt cgactgctgg 180
tggtgcgtgt tcaggtcttt gtcgtcattc tcggcagtat cgcgatgctt agccaggcgg 240
cgatggcccc agcgttattc atcctcgggt ccgctggctt tacgtatat cgggtggcga 300
tggcatgggc ttgcgagaaa gttgaacatc atcaactggt 340

```

```

<210> 2636
<211> 463
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(465)
<223> similar to gil742763 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2636
tgaacacttc tttgccgcgc ttaatgcggc ggtagcctct gatggtacgt ttatttatgt 60
gcctaaaggc gtgcgtgcc cgatggaact ttccacctat ttgcgatta acgcacaaaa 120
aaccgggcag tttgagcgca ccattctggt ggccgacgaa gacagctacg tcagctacat 180
tgaaggctgt tccgctccgg tgcgtgacag ctatcagtta cacgcggcag tgggtggaagt 240
catcatccat aaaaacgccg aggtgaaata ttccacggta caaaactggt ttctggcgga 300
taacaacacc ggcggtattc tcaacttcgt caccaagcgt gctttgtgcg aaggcgaaaa 360
cagcaaaatg tcatggacgc aatcagaaac cgggtcagcg attacgtgga aatatcccag 420
ctgcattttg cgcggcgata actccattgg tgagtttttg tca 463

```


<210> 2639
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (195)...(329)
 <223> similar to gi3806164 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2639
 tggggaattc ggcacgagga ccactggcag ggtaatgccc accgctcgca gacccgggac 60
 gagtttgccc agctcttcca gtacaaggca gtgagtggag ttggagttag ggcttgctag 120
 agactggctg gtagctcggt ggtgagggtt gggctccctc ctgctcgctt gtgaccttgg 180
 tcccgccctt ttaggtgttc attttggaag agttgctgag cccattgtc acaccctca 240
 tcctcatctt ctgcctgcgc ccacgggccc tggagattat agacttcttc cgaaacttca 300
 ccgtggaggt cgttggtgtg ggagatacct gctcctttgc tcagatggat gttcgccagc 360
 atggtcatcc ccaggtactg ggagaggagg gagccagggt gcctgggatg atgctggaac 420
 atacagtgtc ttcgggaaaa ccgcaaaaag acacctctcc tgagtca 467

<210> 2640
 <211> 666
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(669)
 <223> similar to gi882460 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2640
 ttattggtgc ttatcatgcc aattatcaca ccacgcaata tgtttatgag catcgcatgg 60
 gcgtcaaacc tggcggcaat attgcactgc tggcgtgtgc aggtccgatg ggcattggcg 120
 ctatcgatta cgccattaac ggcggcatac aaccgtcgcg ggtggtggtg gtcgatatcg 180
 acgacaaacg tctggcgag gtacagaagc tgctgcccgt ggaactggcg gccagtaaag 240
 gcattgagct ggtgtatgtg aataccaaag ggatgagcga tcctgtccag atgctgcggg 300
 cgctgacagg agatgccggg ttcatgaca tttttgttta tgcggcgggg cctgctgtcg 360
 ttgagatggc tgatgaatta ctggcggaag atggctgtct gaacttcttt gccgggccga 420
 cggataaaaa cttcaaagtg ccgtttaatt tctacaacgt ccattacaac agcacgcacg 480
 tcgtcggtac atctggcggt tcaacggacg acatgaaaga ggcgattgcc cttatcgcca 540
 ctgggcagtt acagccgtcg tttatggtga cccatatcgg tggcctggat gcggtgccag 600
 aaaccgtgct caatctgccg gatatccctg gcgggaaaaa actcatttat aacggcggga 660

<210> 2641
 <211> 440
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(443)
 <223> similar to gil651331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2641
 gtatcttatt tgcggcgctg atctggagtt cgttcgatga gaatatagaa gcttcagccg 60
 gagggcgcgg tgggttcgtcc atcgacgctg tcatgggtga ttcaggtgcg gtagttgagc 120
 agtacaaacg catgcaaagc caggaatcaa gcgcgaagcg ttctgatgaa cagcgcaaga 180
 tgaaggaaca gcaggtctgt gaagaactgc gtgagaaaca agcggctgaa caggaacgcc 240
 tgaagcaact tgagaaagag cggtttagcgg ctcaggagca gaaaaagcag gctgaagaag 300
 ccgcaaaaca ggccgagtta aagcagaagc aagctgaaga ggccggcagcg aaagcggcgg 360
 cagatgctaa agcgaaggcc gaagcagatg ctaaagctgc ggaagaagca gcgaagaaag 420
 cggctgcaga cgcaaagaaa 440

<210> 2642
 <211> 921
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(923)
 <223> similar to gi2623162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2642
 agaatctcgg cagaggcgt tctctacctg tgtgataaag gttccccttg gccggtgtga 60
 acgacatggg aagtgtaaaa aaacctgtat tgcctccaga gacctatatt gtggatggat 120
 aaaggaaggt ggtgcctgca gccatttatc acccaacagc agactgactt ttgagcagga 180
 catagagcgt ggcaatacag atgggtctggg ggactgtcac aatttcctttg tggcactgaa 240
 tgggcattcc agttccctct tgcccagcac aaccacatca gattcgacgg ctcaagaggg 300
 gtatgagtct aggggaggaa tgctggactg gaagcatctg cttgactcac ctgacagcac 360
 agaccctttg ggggcagtgt cttcccataa tcaccaagac aagaatggag tgattcggga 420
 aagttacctc aaaggccacg accagctggt tcccgtcacc ctcttggcca ttgcagtcac 480


```
cctggctttc gtcattggggg ccgtcttctc gggcatcacc gtctactgcg tctgtgatca 540
tcggcgcaaa gacgtggctg tggcgcagcg caaggagaag gagctcacc actcgcgccg 600
gggctccatg agcagcgtca ccaagctcag cggcctcttt ggggacactc aatccaaaga 660
cccaaagccg gaggccatcc tcacgccact catgcacaac ggcaagctcg ccactcccgg 720
caacacggcc aagatgctca ttaaagcaga ccagcaccac ctggacctga cggccctccc 780
caccacagag tcaaccccaa cgctgcagca gaagcggaag cccagccgcg gcagccgcga 840
gtgggagagg aaccagaacc tcatcaatgc ctgcacaaag gacatgcccc ccatgggctc 900
ccctgtgatt cccacggacc t                                     921
```

```
<210> 2643
<211> 685
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (172)...(299)
<223> similar to gi5689485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2643
gaatcttgca cgagcttacc ctgcactgtg agttacctaa agctcggcgt ccgtgatggt 60
ctacggcgct tctgaggcga tcaggcagcg tcagtcttca gccgggaagc caagaaggag 120
tcagtacagag agccttgggc cagagttcca ggagctctgg gaggctgctc caggactggt 180
ctacatttgg cctgtgcccc tggccatgtg gaagtgggtca ctctcttgct ggggagaaga 240
tgcttgattg acatctgtga cagactaaac aggacgtctt taatgaagtt ctgccaaagga 300
aagagaaaat accttttaac cccagggaaa ggattgcaat caccacatta taagagaact 360
atgggggtat gaaacaaggc tgaaggcttt taaccatggg agaaaaagggt gttgggtatta 420
ttcatatagc ataacctgag gttggagagg accacttggg agcctgtaac caaaattaaa 480
aggtaacttt tgggatggac ggaggttccc ttgaagcagt gccaacctaa atttacctca 540
ggtaagtagt tagattaact ttttcaagat ttcagaccaa acaagacaac ttgtattcag 600
ttgatgaatt cctatgcttt aatgtttttg tttgccctta attattaaat aaacatttgt 660
tctgaaaaac tccaaaaaaa aaaaa                                     685
```

```
<210> 2644
<211> 436
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(437)
<223> similar to gi466727 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 2644
gccacgccga tcactgacgc ttgtgactg aaagccgtga ccatgattgc cgaaaacctg      60
ccgttagccg ttgaagatgg cagtaatgcg aaagcgcgtg aagcaatggc ttatgcccag      120
ttcctcgccg gtatggcggt caataatgct tctctgggtt atgttcatgc gatggcgcac      180
cagctgggcg gtttctacaa cctgccacac ggtgtatgta acgccgtttt gctgccgcac      240
gttcaggtat tcaacagcaa agtcgccgct gcacgtctgc gtgactgtgc cgctgcaatg      300
ggcgtgaacg tgacaggtaa aaacgacgcg gaagggtgctg aagcctgcat taacgccatc      360
cgtgaactgg cgaagaaagt ggatatcccg gcaggcctac gcgacctgaa cgtgaaagaa      420
gaagatttcg cggtat                                     436

```

```

<210> 2645
<211> 394
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(78)
<223> similar to gi219660 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2645
gttggtccag taccagaca cggaggggaa ggtggaagac tttacggaac tcgtggagag      60
agctcatcag agtggggtag gtataccttt cttgtggggg gtccgtggag gcgtatccca      120
acttgatatc gtctacctat ctctctctct gtcttttcat gtgccttaat ttctttacca      180
ttatcacatg gaatggtaaa actctccttc ctgactcctt gctgctactt ttttctgttc      240
ccggaattcct ggcacatggt gggcactcag tatgtattta ctgaatgaat gaatgagcaa      300
tggagttcac aggatgtgaa cacactctgc ccgtcttctt gtagttaaga taatttcta      360
ctctcccact actctcaggg aaaggtagca acct                                     394

```

```

<210> 2646
<211> 707
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(686)
<223> similar to gil911490 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2646
gacagtagcc cacacttcca gccttgcaga ccatgaatgg gatggccaat gtgaatccccg    60
ccagccgccc tcactacgcc tccgccatcc cggagcctcg tgcctcttcc cagaccagga    120
ttcctacacc gggcgcttct cccagctgc ggccacgcca ggccggcctg gccctgagcc    180
cacagagagc agcctcccc agactgggaa aggctgcagg tccttctaga aactcctctc    240
ctagggcctt ccgggggaga ggctctccca agtttgctgg ggcggtgagg gagtgcagctg    300
aggatgggga agggcccttc agctcccat ggaatagtcc caggacaacc ccgaaagcag    360
ccctctccag ccgggctgga tccggaagaa ttggcgagag acaaggcacc cagggaaaaga    420
agaaaaaagc ccaggaaggg actccagtct gccagaccgg gggcagaagc ccttctcgga    480
cgaactttca cggagaaact caaataaccag gggctccgga aggtcggag cctccaagct    540
gcccaggaaa agaccaaaga gatataaact acaaaaagttc tgggaccccc aggtcttttg    600
agcctgatga gggggcagct tcgtgggctt cctctccagt ctgcagccca gtgcagggca    660
agcgccctc tccctctccg ggggccatta gcttctctc agtccat    707

```

```

<210> 2647
<211> 873
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(876)
<223> similar to gi5811583 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2647
ttgatgcgca aattcggcac gagcgggagc tgaaggcggg gctcctggaa gctttggggg    60
caccagtgga ggatgtgagg gctgcagcct cgtatgcact gggccgcgtg ggtgctggca    120
gcctgcccga cttcctgccc ttctgtctgg agcaaatcga ggctgaaccc cgacgacagt    180
acctgctgct gcactcactc aaggaggccc tggggggccgc ccagcctgac agcctgaagc    240
cctacgccga ggacatctgg gccttgctgt tccagcgtcg cgagggtgct gaggagggca    300
cccggggggg ggtggccgag tgcattggga agctggtcct tgtgaaccct tcgttccttc    360
tgccccgctt gcggaagcag cttgctgcag gtcggccaca caccgggagc accgtcatca    420
cagcgggcaa gttccttatc tcggaccagc cccatcccat tgacccctc ctgaagagct    480
tcatcggaga gttcatggag agcctgcagg acccagacct gaacgtgcgc cgtgcgactc    540
tggttttctt caactcagct gtgcacaaca agccctcgct agtccgggac ctgctggatg    600
acatcctgcc cctcctctac caggagacaa agatccggcg ggacctcatc cgagagggtg    660
agatggggcc ctttaaaca acagtggacg atgggctgga cgtgcggaag gcggcctttg    720
aatgcatgta ttactgctt gagagctgcc tgggccagct ggatatctgt gaggttcctga    780
accatgtgga ggacgggctg aaggaccact acgacatccg gatgctgacc ttcacatgag    840
ttgcccggct ggccaccctg tgtcctgcac ctg    873

```

```

<210> 2648
<211> 609
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (11)...(611)
 <223> similar to:gil1561637 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2648
 acacgctgga agaatacggca cgaggcaagc tgctcttgct gcagtcactc cctccccaac 60
 cagtgccttca aagagatggc caggagcttc tgtgtggcca tcctgggacc tcctcgaagc 120
 tcccaaagac cccttcagca tagagagaga ggccaggctg caccgacaag ctgcagctgt 180
 gaatgaagcc acctgtacct ggagtggcca gcttcctccc cggaactata agaaccccat 240
 ctactcttgc aagggtgtttc taggaggtgt tccttgggat attacagaag ctggattagt 300
 taacaccttc cgtgtttttg gctctttgag tgtggagtgg cctggtaagg atggcaagca 360
 tccccggtgt cctcccaaag ggtatgtgta tctggctctc gaactagaga agtctgtccg 420
 atccttgctt caggcttgct ctcattgacc gctgagccca gatggcctga gtgaatatta 480
 tttcaagatg tccagccgaa ggatgcgctg caaggaggtg caggatgatcc cctgggtatt 540
 agccgacagt aactttgtcc ggagcccatc tcagaggctt gacccagca ggacggtggt 600
 tgtcgggtgg 609

<210> 2649
 <211> 435
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (20)...(437)
 <223> similar to gi4426629 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2649
 tgccgtatgc aggaccagct ctgatgtaga tgacaaccct ccagttttta atcagctcat 60
 ttatgagtca tatgtgagtg aattagcccc ccggggccat tttgtaacct gtgtacaagc 120
 ctctgatgca gacagctctg attttgaccg gttggaatat agcattttat ctgggaatga 180
 ccggacgagc tttctgatgg acagcaagag tggagttatc acattgtcca accatcgga 240
 gcagcggatg gagcctctgt acagtctcaa tgtgtctgtc tctgatgggt tgttcaccag 300
 cactgcacag gtgcatatta gggacttgg ggctaacttg tacagccctg ccttttcaca 360
 aagcacatac gtagctgagg tgagagagaa cgtggctgca ggaacaaagg taattcatgt 420
 tcgagccaca gatgg 435

<210> 2650
 <211> 427

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(428)
 <223> similar to gil64586 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2650
 cctgcgtctg tcggcccgaa tatattatgaa catgatgacc agttaacacc taaaattggt 60
 tttccctgga gtgaaatcag aaatatattca tttaatgaca aaaaattcgt tataaagcca 120
 attgacaaaa aggcacctga ttttgtcttc tatgcacctc gtctgagaat caataaacga 180
 attttggcct tatgtatggg aaaccatgaa ctgtacatgc gaaggagaaa gcctgatact 240
 attgaagtac agcagatgaa ggctcaggcc cgggaggaaa agcatcagaa gcagctagaa 300
 agggcacaaat tagagaatga aaagaagaaa cgagaaatag cagaaaagga aaaggaaaga 360
 atagaacgtg aaaaggaaga gctgatggag cgtctgaggc agatcgaaga gcaaacagtg 420
 aaagcct 427

<210> 2651
 <211> 411
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (36)...(414)
 <223> similar to gi3810827 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2651
 gggtccgctcg cgtgttgacg caatgtgatt tctgcctccc tgcacttggt atggcacgtg 60
 tccacaaaaat cgaaaattta actgaagtcg ctggtgtttg tagtaacaac atcgaaaatt 120
 taacaaaaaac caaagccgca gtacaatttt taaaaaaaaat taatgcatat gaagacgtac 180
 aaaaatgtca agactcgaaa aaaatacggg ctggaaaggg aaaaatgcgt aatcgctcgtt 240
 atactatgcg acgtggacct ctggttgat tttaaagagga tcatggtatt aaacaagcgt 300
 ttagaaattt gcctggtggt gatttgattc aagttgacag gcttaatttg ctaaagcttt 360
 gccctggggg gcatattggg cggttcgtga ataggacaga agctgctttt g 411

<210> 2652
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(209)
 <223> similar to gi4062584 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2652
 tgcgatgatg acgcgtttcc ccaacgactc gctggatgcg gcgttatgtc atggatgatgt 60
 gttgctacag atttgcgcca acaccagga cacggttatc catgcgctgc gcgatatcat 120
 caaacacacg ccggatttgc tcagtgtgcg ctggaagcgg gaagggttta tttccgatca 180
 cgcggcgcgt agtaaaaggca aagagatggc gctccaacac ccctgggtcaa cgcgaaaatg 240
 ccacatagct tcggcaggca tgccaattaa acgggcgatt aacagactca gtacaccctg 300
 atggctgacg actaaaatat tctgatagtg ctgaaattca ctaagccttg cgataaagcg 360
 ttccacacgt tgcgaaaatg cctgaaatcc ttcaccgttc gt 402

<210> 2653
 <211> 1009
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (109)...(782)
 <223> similar to gi3581879 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2653
 agagaatcct tcagccactg gggaatttct aagaaatgtc gaggggtttga gacatcccag 60
 aattaatgtc ttagatcctg gccagtggcc tcaaaagaag ccctgaagct ggatgactcc 120
 cagatggaag ccttgacagt tgctctcaca aggggaactgg ctattattca aggacctcct 180
 ggaacaggca aaacctatgt ggttctaaaa attgttcagg ccctcctaac caacgagtct 240
 gtttggcaaa ttagcctcca gaagttcccc atcttggttg tgtgttatac taatcatgct 300
 ttggaccagt ttctggaagg catctacaat tgtcagaaga ccagcattgt gcgggtgggt 360
 ggaaggagca acagtgaat cctgaagcag ttcaccctaa gggagctgag gaacaagcgg 420
 gaattccgcc gcaacctccc catgcacctc cgaaggcctt acatgagtat catgacacag 480
 atgaaggagt cagagcaaga gcttcatgaa ggagccaaga ccctggagtg caccatgcgt 540
 ggtgtcctac gggaacagta cctgcagaag tacatctcac cccagcactg gggaaagtct 600
 catgaatggc cccagtgcag gatagtgaat ggattttctt cccagcactg gaagcattcc 660
 atgatgctgg agtggctagg tcttggtgtc ggttctttca cgcaaaagtgt ttctccagca 720
 ggacctgaga atacagccca ggcagaaggg gatgaggagg aagaaggagg ggaggagagt 780
 tcgctgatag agatcgca gaagctgac ctgattcaag cagaccgggt gattgaggag 840
 gaagagggtg tgaggcccca gcggcggaag aaggaagaga gtggagcaga ccaggagtgtg 900
 gctaaaatgc ttctggccat gaggctagac cattgtggca ctgggacagc agctggacag 960
 gagcaagcca caggagagtg gcagaccag cgcaaccaga aaaaaaaaaa 1009

<210> 2654
 <211> 402
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(400)
 <223> similar to gi409792 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2654
 tcgcttgagc tggtcgagta taaagttgcc cgcacgcgca ccaccatgcc ttacattcca 60
 ggttttcttt ccttcgcgca atatcctgcg ctgctggcag cgtgggagat gctgtcgcaa 120
 aagccggatt tagtggttgc ccatggtcat gggatctcgc atcctcgccg tcttggcgctc 180
 gccagccatt ttggcttatt ggtggatgtg ccgaccattg gcgtggcgaa aaaacggctc 240
 tgcggtaaat tcgaaccgct ctccagcgaa ccgggcgcgc tggccccact gatggataaa 300
 ggcgagcagc tggcctgggt ctggcgcgagc aaagcgcgct gtaaccggtt ggttatcgct 360
 accggccatc gggtcagcgt ggacagcgcg ctggcggtgt ac 402

<210> 2655
 <211> 292
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (15)...(295)
 <223> similar to gi216600 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2655
 gcctgcctgc aggaattccc gccaacccga tcgacgacct gccgaccacc ttttcggcg 60
 gtatgcagca gcgtttgcag attgcccga acctggtgac gcatccgaag ctggtgttta 120
 tggatgaacc gaccggcggg ctggatgtgt cggcgcaggc ccgcctgctc gacctgctgc 180
 gcggcctggt ggtggagctg aacctcgcgg tgggtgattgt caccatgat ttaggcgctc 240
 cccgcctgct ggcggaccgt ttgctggtga tgaagcaggg gcaagtgggtg ga 292

<210> 2656
 <211> 370

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (217)...(359)
 <223> similar to gil655699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2656
 acttcagggc ttcttggtgt ttgggacaga tgccctgata ggtcacgcgg ctccctcgac 60
 caggggttgg gtgcatctgc cgaatcacct ggaccatatt ggccagctgc aggttggggc 120
 ggaagctccg ccgaggaaag ctctttcggc actgagggca tgtgaagcac ctccgagggg 180
 ctggaggcgg gggcagtggg gtgacggggg ctagatcctc ttctcaacc tcctccagca 240
 ctctctcctc gtctctctca tctctcccc ttaggtcctc ctctccatg tcccccaagt 300
 agtagtccag gtcttctctc tcgtctctct cctcccacac atagtccatg ttgtcccagc 360
 tggacctgct 370

<210> 2657
 <211> 668
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (162)...(539)
 <223> similar to gi2224607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2657
 gggtgcggaa ttcggcacga ggaaacaccc acgacaggaa caagttggcc cagaccctgc 60
 cgcccaccca gctgcctccc tctgggacta agtgcctgga gagcctcctg ggctcagtgc 120
 ccccgccctg ccctggcctc cacagccttc gggagctccc agaccagtg ctgagtgagg 180
 aggtggtgga gggcattgct gctggcattg aggcagccct ctgggacctg acacaaggca 240
 ccaatggccg gtacaagacc aagtatcgca gcctgctgtt caacctgcgg gaccccagga 300
 acctggactt gtttctcaaa gtggttcatg gagatgtcac cccctacgac ctggtgcgga 360
 tgagctcgat gcagctggcc ccccaggagc tggcccgtcg gcgggaccag gaggagaaaa 420
 ggggaccgca gatgttcatg gactgcagcc cacaggccct gcccatcgca tcagaggaca 480
 ccacggggca gcatgaccac cacttcttag accccaactg ccacatctgc aagggtggga 540
 ggggacacgg gaggggtgca ggggtggcag ccaggctggg gctgagcgtg cagttcagca 600
 gcaacaggga tttgtggcct ggggagaggg tggcagagca ggggtgcccg tgccccaggt 660
 cacctaga 668

<210> 2660
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(448)
 <223> similar to gil763306 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2660
 cgttatgacc atgaacgcc aagcttggcac gaggggtggaa tgagtaatgg catggtgtgt 60
 gcatctggag accggagtca ttacagtgat tctcagctct ctttacctga ggatctttct 120
 ccatggaagg aatggaatca aggagctgat ttaggcttgg attcatccac ccaggaagggt 180
 tttgattatg aaacaaacag tctttttgac caacagcttg atgtttacaa taaagacctt 240
 gaatacttgg gaaagtgcc aagtgatctt caagatgact cagagagcta cgacttaact 300
 caagatgaca attcttctcc atgccctggc ttggataatg aaccacaagg ccagtgggtt 360
 ggccaatatg attcttatca gggagctaata tctaattgagc tataacaaaa tcaaaaccag 420
 ttgtccatga tgtatcgaag tcaaaagt 447

<210> 2661
 <211> 641
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(642)
 <223> similar to gil840399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2661
 tcattacgcc tagcttggca cgaggggcaaa ctgcacttca gcgtctatga ctttgaccgc 60
 ttctcgcggc acgacctcat cggccagggtg gtgctggaca acctcctgga gctggccgag 120
 cagccccctg accgcccgtt ctggaggggac atcgtggagg gcggctcgga aaaagcagat 180
 cttgggggagc tcaacttctc actctgctac ctccccacgg ccggggcgct caccgtgacc 240
 atcatcaaag cctctaacct caaagcgatg gacctcactg gcttctcaga cccctacgtg 300
 aaggcctccc tgatcagcga ggggcggcgt ctgaagaagc ggaaaacctc catcaagaag 360
 aacacgctga accccacctt taatgaggcg ctggtgttcg acgtggcccc cgagagcggtg 420
 gagaacgtgg ggctcagcat cgccgtgggtg gactacgact gcatcgggca caacgaggtg 480
 atcggcggtg gccgtgtggg ccccgacgct gccgacccgc acggccgcga gcaactgggca 540
 gagatgctgg ccaatccccg caagcccgtg gagcactggc atcagctagt ggaggaaaag 600
 actgtgacca gcttcacaaa aggcagcaaa ggactatcag a 641

<210> 2662
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(408)
 <223> similar to gi4432814 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2662
 ggaagggagc aaactggact gcaatgccaa gcagtggagg ctttttgagg acatcctcaa 60
 tgacgtagcc atgttccttg agattatggc tctgtatata ccaatctgtt tcaccatgac 120
 cgtctccacc agcaacctag ccaagtgcac cgtgagtgtt gctggagggg cactcggggc 180
 tgccctgacc gtgcaccagg ctccgaggaa caacatggct gacgtgtcag ccaaggacag 240
 catccaggag acgtgtgtga acctggcggg gctcttggtc agcctcctga tgctccctct 300
 ggtgtcaggt tgccctggct tcagccttgg atgtttcttc ttctcactg gcctccacat 360
 ctacgccaac taccgcgcgg gccgagccct ggtcatggag accttg 406

<210> 2663
 <211> 568
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(570)
 <223> similar to gil297319 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2663
 ctacagagaa tacctccaga aagcacagga tgaactcctg gatctccagg acaaggtgat 60
 tcaggcagta ggtagcaact ccagcatgtt ggcggagatt gaagtgtgtc gccagcgggt 120
 gctgagaatt gaaggcaaag acgaggaaat taagagagca gaggatctgt gtcgtctgat 180
 gaaggagaaa cttgaagagg aagaaaacct caccggggag ctgaaatctg agattgagcg 240
 gcttcagaaa cgaatggctg aattagagaa gctagaagag gccttcagca ggagtaagaa 300
 tgactgtacc cagctgtgtc tgagcctgaa tgaggagaga aatctgacca agaaaatctc 360
 ctctgagctg gaaatgctca gagtcaaagt gaaagaacta gaatcttctg aggaccgcct 420
 ggataaaaact gagcagagtt tagcgtcaga gttagaaaag ctgaaatcat taactctgag 480
 ctttgtaagt gagagaaaat acttgaatga aaaggagaaa gaaaatgaga aattgataaa 540
 agaactcact caaaaactag agcagaac 568

<210> 2664
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (337)...(531)
 <223> similar to gil280485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2664
 cgctcgacgac aattagagggc aagtctatcc caaaactgag tcttatgtta ataatgtttt 60
 ttatttttctg tcttctcaga cagctcagct ctctcaagcc agcgggaatag tttcccaact 120
 tcctttttgga ccagctctta ccagccccc cctgcacctt gtttgggggg agttcatcct 180
 gacttccagg tcaactggacc ccctggcacc ttttctgcag ctgatcccag tccttggccg 240
 ggacacaacc tgcattcagac tggcccagcc cctccccctg ctgtgtctga gtcctggcct 300
 tatcctttga catctcaggt gagcccatcc tacagccata tgcattgacgt gtacattgcgg 360
 caccaccacc ctcatgccc catgcaccac cgccaccgcc accatcatca ccatcaccac 420
 cctcctgctg gctctgccct ggatccatcc tatgggcctc tgctgatgcc ttcagtgcatt 480
 gcggccagga ttctctgctcc ccagtgtgac atcacaagaaga cagaaccaac tacagtccac 540
 tctgctacct cagcatgggc tggagccttt catggaacag tagacatagt gccacgcgtg 600
 ggattcgata caggtct 617

<210> 2665
 <211> 976
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (369)...(973)
 <223> similar to gi5668816 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2665
 caacatcgac gtcagacctc ttccccacag cctcggcctc ttccacggag ccttctcctg 60
 cagggcgaga gcgttccctc agttgtgggt ctgggggtgg tggcatcatc ccctaaagga 120
 agtgggtcct ctgtggcaag tgatgaagtc tccagctttg cctcagctct cccagacaga 180
 aagactgcgt ccttttcgtc gttggaaccc caggatcagg aggatttggg agcccgtaga 240
 gaagaaaatg agaggagatg gggacctttg acctgaacgg gcagttgttg gtcgcacaac 300
 cgcgtagaaa tgcccaaacc gtccacgagg acgtcagagc agcggctggg aagccagaca 360

```

agatggagga gacgctgaca tgcacatct gccaggacct gctgcacgac tgcgtgagtt 420
tgcagccctg catgcacacg ttctgcgcgg cttgctactc gggctggatg gagcgctcgt 480
ccctgtgtcc tacctgccgc tgtcccgtgg agcggatctg taaaaaccac atcctcaaca 540
acctcgtgga agcatacctc atccagcatc cagacaagag tcgcagtga gaagatgtgc 600
aaagtatgga tgccaggaat aaaatcactc aagacatgct gcagcccaaa gtcaggcggt 660
ctttttctga tgaagaaggg agttcagagg acctgctgga gctgtcagac gttgacagtg 720
agtcctcaga cattagccag ccatacgtcg tgtgccggca gtgtcctgag tacagaaggc 780
aggcggcgca gcctccccac tgcccagcac ccgaggggca gccaggagcc ccacaggccc 840
tgggggatgc accctccacg tccgtcagcc tgacgacagc agtccaggat tacgtgtgcc 900
ctctgcaagg aagccacgcc ctgtgcacct gctgcttcca gcccatgccc gaccggagag 960
tggagcgca gcagga 976

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<210> 2666
<211> 882
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(343)
<223> similar to gi3916124 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2666
gcgctgagcc ggctccgaga actctgtcgt cgggtggctga gacccgagct gctctccaag 60
gagcagatcc tggagctgct ggtgctggag cagttcctca ccatcctgcc cgaggagctt 120
caagcctggg tgcgagagca ctgccagag agcggggagg aggcgggtggc cgtggtgcgg 180
gctctgcagc gagcgctcga tggaacctca tcccagggga tggtgacttt cgaggacacg 240
gctgtgtctc taacctggga ggagtgggag cgcttgacc cagcacggag ggacttctgc 300
agagagagtg cgcagaagga ttccgggagc acagttccgc cgagtgcacac tgtttatgga 360
ccgtaagagc tgaccgctgt ctgaaggctt gccacagac cttacactca aaaggattct 420
ctaaaaagtg aattctttga tgttgatcaa accatgcctt acgcctaata acttttccac 480
attcactgca ttcataagac tttgctcttg tgagaattcg ctcatgcccc aaaagcaaag 540
atctttgatt gaagggtttg ccatcctcat catatctgcc ctgcttccac cttgtttgcg 600
cattctgatc ttgaataagg ttaaggtttt gaagggaagcc cctgctgtat tcatcaccac 660
tagtagggaa agtaagcctg caactgtcca caaattcttt acacttatgt aacttttctg 720
aaagtttctc agctgattcc tgcattacca ctgatattct atatgactct aaatcttcag 780
aaaatttctg ttttggagtt agctttttca tcttgtgtct ggcttcagaa cctagccaaa 840
taacaagaaa agatgtaaat gacctatcca ctgcatttga aa 882

```

```

<210> 2667
<211> 119
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(117)
 <223> similar to gil750387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2667
 gcgatggaaa tcgtccacga gccgcgcgac ctcgagcggt acatgcgcga ggccgtgaag 60
 gtgtcgaacg attcgccggt gctgctcgac cgcttcctga acgacgcgat cgagtgcga 119

<210> 2668
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> similar to gil017722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2668
 tacaaatgtg aagaatgtgg caaagccttt actcgggtcca cagccctgaa tgaacataag 60
 aaaattcatt ctggagagaa accctacaaa tgcaaagaat gtggcaaagc ctataactta 120
 tcctcaaccc ttactaaaca taagagaatt catactggag agaaaaccctt cacatgtgaa 180
 gaatgtggca aagccttcaa ttggctcctca tcccttacta aacataagat aattcatact 240
 ggagagaaat cctacaaatg tgaagaatgt ggcaaagctt ttaatcggcc ctcaaccctt 300
 actgtacaca agcgaattca tactggcaag gaacatagtt gaatgacatt tctagtaatc 360
 tctaattcca gtgtctttac acagcaaata aattggag 398

<210> 2669
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> similar to gil212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2669
acagaacatg gatatgaggc atcaatagcc ggtagtgcta ttgccacatt acaaaaagag      60
ttgtcagcca catcttctgc tcagaagatc accaaatcgg tgaaggctcc tactgtgaag    120
cccagtgaga ctagagtaag ggtagagccc acacccttgc cacagttccc cttcgctgac    180
acaccagata cttacaagag tgaagctggc gttgaggtga aaaaggaagt aggggtgagc    240
atcactggca ccaccgtccg tgaagagcgc tttgaagtac tgcacggacg cgaagccaag    300
gtaacagaaa cagcaagagt accagcacct gttgaaattc ctgttactcc accaactttg    360
gtctcgggct taaaaaatgt gactgtcata gaaggtgaaa      400

```

```

<210> 2670
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (79)...(165)
<223> similar to gi4883437 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2670
aaacagggga tttaagtgtg tcttttgtgt ttgcaaggca ctaacaccac tcccgtctgt      60
atttaaatgc tgtccccagg ttacgactat ggctatgtct gcgtggagtt ttcactcttg    120
gaagatgcca tcgcatgcat ggaggccaac caggttgctt tatacttcgg tcaaattgatg    180
ctggaaggat atattttttt atatatgggg agggagggtt tcaaatgatt ttactttgga    240
aaggtacaag aagtctatct gtggagcata ctgtattcca accatcggtt gtgaggaaaa    300
tctttaaaaa ggctggaaag ctttctctag aaaacttaat gggcacagag tgcattttaa    360
aagctagagc ccagttgctt ttggactaga ttccaaaa      398

```

```

<210> 2671
<211> 510
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(511)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2671
cccatcaggt ctggttaggtc tccattgctc atgcgtaaga ctcaggcatc caccgtggcc      60
acaggtgctg aagtgcctcc cccttggaag caagagggct acgtggcctc ctcatctgag    120

```

gctgagatga	gagagacaac	gctgacaacc	tctactcaga	tcaggacaga	agagagatgg	180
gaagggagat	acggtgtcca	ggagcaagt	accatcagt	gtgctgcgg	tgctgccgcc	240
agtgtgtcgg	ccagtgtctag	ctacgcagca	gaggctgttg	ccactggtgc	taaagaggtg	300
aaacaagatg	ctgacaaaag	tgcagctgtt	gcgactgttg	ttgctgccgt	tgatatggcc	360
agagtgaag	aaccagtgat	cagcgctgta	gagcagactg	ctcagaggac	aaccacgact	420
gctgtgcaca	tccaacctgc	tcaagaacag	gtaagaaagg	aagcggagaa	gactgctgta	480
actaaggtag	tagtggccgc	cgataaagcc				510

<210> 2672
 <211> 1883
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (38)...(1879)
 <223> similar to gi3929529 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2672						
cagtaaccgg	gtcgcagatt	tcgtctgtga	agctccatgt	ggtggacatc	tgacagcgtc	60
cagcggagtc	attttgccctc	ctggatggcc	aggatattat	aaggattctt	tacattgtga	120
atggataaatt	gaagcaaaac	caggccactc	tatcaaaata	acttttgaca	gatttcagac	180
agagggtcaat	tatgacacct	tggaggtcag	agatgggcca	gccagtccgt	ccccactgat	240
cggcgagtac	cacggcaccc	aggcacccca	gttcctcatc	agcaccggga	acttcagtga	300
cctgctattc	accactgaca	acagccgctc	cagcatcggc	ttcctcatcc	actatgagag	360
tgtgacgctt	gagtcggatt	cctgcctgga	cccgggcac	cctgtgaacg	gccatcgcca	420
cgggtggagac	tttggcatca	ggtccacagt	gactttcagc	tgtgacccgg	ggtacacact	480
aagtgcgac	gagcccctcg	tctgtgagag	gaaccaccag	tggaaccacg	ccttgcccag	540
ctgcgacgct	ctatgtggag	gctacatcca	agggaagagt	ggaacagtcc	tttctcctgg	600
gtttccagat	ttttatccaa	actctctaaa	ctgcacgtgg	accattgaag	tgtctcatgg	660
gaaaggagtt	caaattgatct	ttcacacctt	tcatcttgag	agttcccacg	actatttact	720
gatcacagag	gatggaagtt	tttccgagcc	cgttgccagg	ctcaccgggt	cgggtgtgcc	780
tcatacgatc	aaggcaggcc	tgtttgga	cttactgcc	cagcttcggt	ttatatcaga	840
cttctcaatt	tcgtacgagg	gcttcaatat	cacattttca	gaatatgacc	tggagccatg	900
tgatgatcct	ggagtccctg	ccttcagccg	aagaattggt	tttcactttg	gtgtgggaga	960
ctctctgacg	ttttcctgct	tcttgggata	tcgttttagaa	ggtgccacca	agcttacctg	1020
cctgggtggg	ggccgccgtg	tgtggagtgc	acctctgcca	aggtgtgtgg	ccgaatgtgg	1080
agcaagtgtc	aaaggaaatg	aaggaaacatt	actgtctcca	aattttccat	ccaattatga	1140
taataaccat	gagtgtatct	ataaaaataga	aacagaagcc	ggcaagggca	tccaccttag	1200
aacacgaagc	ttccagctgt	ttgaaggaga	tactctaaag	gtatatgatg	gaaaagacag	1260
ttcctcacgt	ccactgggca	cgttcactaa	aaatgaactt	ctggggctga	tcctaaacag	1320
cacatccaat	cacctgtggc	tagagttaa	caccaatgga	tctgacaccg	accaagggtt	1380
tcaactcacc	tataccagtt	ttgatctggt	aaaatgtgag	gatccgggca	tccctaacta	1440
cggttatagg	atccgtgatg	aaggccactt	taccgacact	gtagttctgt	acagttgcaa	1500
ccgggggtac	gccatgcatg	gcagcaacac	cctgacctgt	ttgagtggag	acaggagagt	1560
gtgggacaaa	ccactacctt	cgtgcatagc	ggaatgtggt	ggtcagatcc	atgcagccac	1620
atcaggacga	atattgtccc	ctggctatcc	agctccgtat	gacaacaacc	tccactgcac	1680
ctggattata	gaggcagacc	caggaaagac	cattagcctc	catttcattg	ttttcgacac	1740
ggagatggct	cacgacatcc	tcaaggctctg	ggacggggccg	gtggacagtg	acatcctgct	1800


```
gaaggagtgg agtgggctccg cccttccgga ggacatccac agcaccttca actcactcac 1860
cctgcagttc gacagcgtgt att 1883
```

```
<210> 2673
<211> 1177
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(1178)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (14)...(993)
<223> similar to gi599959 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2673
cccacgcgtc cgctcctctg ggggtcaaga ggaccccgcc agccagcagt gggcacgacc 60
gcgcttcaca cagccctcca agatgaggcg ccgggtgatc gcacggcccc tgggtagctc 120
cgtgcggctc aagtgcgtgg ccagcgggca ccctcgcccc gacatcacgt ggatgaagga 180
cgaccaggcc ttgacgcgcc cagagggccg tgagcccagg aagaagaagt ggacactgag 240
cctgaagaac ctgcggccgg aggacagcgg caaatacacc tgccgcgtgt cgaaccgcgc 300
gggcgccatc aacgccacct acaagggtgga tgtgatccag cggacccggt ccaagcccggt 360
gctcacaggc acgcaccccc tgaacacgac ggtggacttc ggggggacca cgtccttcca 420
gtgcaagggt cgcagcgacg tgaagccggt gatccagtgg ctgaagcgcg tggagtacgg 480
cgccgagggc cgccacaact ccaccatcga tgtgggcggc cagaagtttg tgggtgctgcc 540
cacgggtgac gtgtggtcgc ggcccgacgg ctccctacctc aataagctgc tcatcacccc 600
tgcccgccag gacgatgcgg gcatgtacat ctgccttggc gccaacacca tgggctacag 660
cttcgcgagc gccttcctca ccgtgctgcc agacccaaaa ccgccagggc cacctgtggc 720
ctcctcgctc tcggccacta gcctgccgtg gcccggtggtc atcggcaccc cagccggcgc 780
tgtcttcac ctgggcaccc tgctcctgtg gctttgccag gcccagaaga agccgtgcac 840
ccccgcgcct gcccctcccc tgccctgggca ccgcccgccg gggacggccc gcgaccgcag 900
cgagagacaag gaccttccct cggttgccgc cctcagcgct ggccctggtg tggggctgtg 960
tgaggagcat ggggtctccg cagcccccca gcacttactg ggcccaggcc cagttgctgg 1020
ccctaagttg taccctaaac tctacacagg acattccaca ccacacacat acacacaccc 1080
cccaccctcc tgccaattaa acagtagcca ttccccnaaa atnnnnnnnn nnnnnnnn 1140
nnnnnnnnnn nnnnnctcgg cccccgccta ttcaccg 1177
```

```
<210> 2674
<211> 1655
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (53)...(1525)
 <223> similar to gi3874304 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2674

tttcgtcacg	gaggaggaag	ccgccggtgc	gtcgggacgg	gagcgcaggt	gctcggggcac	60
ccgagctgga	gctccgcagc	cgccgggtcat	gtaccgctcc	accaagggcg	cctccaaggc	120
gcgccggggac	cagatcaacg	ccgagatccg	gaacctcaag	gagctgctgc	cgctggccga	180
agcggacaag	gtccggctgt	cctacctgca	catcatgagc	ctcgcctgca	tctacactcg	240
caagggcgctc	ttcttcgctg	gtggcactcc	tctggcgggc	cccacggggc	ttctctcagc	300
tcaagagctt	gaggacatcg	tagcggcact	acccggcttt	ctgcttgtgt	tcacagccga	360
ggggaaattg	ctctacctgt	ctgagagtgt	gagcgcagcat	ctggggccact	ccatggtgga	420
cctggttgcc	cagggtgaca	gcatctacga	catcattgac	ccagctgacc	acctcactgt	480
gcgccagcaa	ctcaccttgc	cctctgccct	ggacactgat	cgctcttcc	gctgccgctt	540
caacacctcc	aagtccctca	ggcgccagag	tgcaggcaac	aaactcgtgc	ttattcgagg	600
ccgattccat	gctcacccac	ctggagccta	ctgggcagga	aatcccgtgt	tcacagcttt	660
ctgtgcccct	ctggagccga	gaccccggcc	aggtcctggc	cctggccctg	gccctgcctc	720
gctcttcctg	gccatgttcc	agagccgcca	tgctaaagac	ctggctctac	tggacatctc	780
cgagagtgtc	ctaattctacc	tgggctttga	gcgcagtga	ctgctttgta	aatcatggta	840
tggactgctg	caccccagag	acctggccca	cgcttctgct	caacactacc	gcctgttggc	900
tgagagtgga	gatattcagg	cagagatggt	ggtgaggcta	caggccaaga	ctggaggctg	960
ggcatggatt	tactgcctgt	tataactcaa	aagtccagag	ggacccatta	ctgccaataa	1020
ctacccaatc	agtgcacatg	aagcctggaa	cctccgccag	cagttgaact	ctgaagacac	1080
ccaggcagct	tatgtcctgg	gactccgac	catgctgcc	tcattccctg	aaaacattct	1140
ttcccaggaa	gagtgcctca	gactaacc	actcttcacc	gcagcactgg	gggctcccag	1200
aagcaccagc	ttccccagtg	ctcctgaact	gagtgttgct	tctgcatcag	aagagcttcc	1260
ccgaccttcc	aaagaactgg	acttcagtta	cctgacattc	ccttctgggc	ctgagccttc	1320
tctccaagca	gaactaagca	aggatcttgt	gtgcactcca	ccttacacgc	cccatcagcc	1380
aggaggctgt	gccttcctct	tcagcctcca	tgagcccttc	cagacccatt	tgcccaaccc	1440
atccagcact	cttcaagaac	agctgactcc	aagcactgcg	accttctctg	atcagttgac	1500
gccagcagtg	gcaaccttcc	cagatccact	aactagccca	ctgcaaggcc	agttgactga	1560
aacctcggtc	agaagctatg	aagaccagtt	gacaccctgc	acctccacct	tcccagacca	1620
tgtattgcgg	ccgctcggag	gatcaagcat	acgac			1655

<210> 2675
 <211> 1268
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1269)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (25)...(1140)
 <223> similar to gil825586 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2675
acccgttacg acccacgcgt ccgcccagat cgctgtggca caagtgatcc ttatgtgaaa 60
ttaagctga atgggaagac gctgtacaaa agtaaagtca tatataagaa cttgaaccca 120
gtatgggatg agatagttgt attgccaatc caaagccttg atcaaaaagct acgtgtgaag 180
gtatatgac gagatttaac cacatctgat ttcattgggt ctgcatttgt cattctcagt 240
gatcttgagc ttaacagaac aactgaacat attttaaaac tggaagatcc aaacagttta 300
gaagatgaca tgggagtgat cgtcttaaat ttgaacctag tggtaaaaca ggggtgatttc 360
aagagacacc gttggtcaaa tcggaagcga ttaagtgcc gcaagtcctc tttgatacgc 420
aacctacggc tctctgagtc cttgaaaaag aaccaactct ggaacgggat tataagtata 480
actttgttgg aagggaagaa tgtctcagga ggaagcatga cagagatggt tgtccagtta 540
aaactgggag atcagaggta taaaagtaag acactgtgta agagtgcata tccgcagtgg 600
caggaacagt ttgactttca ctacttctct gacaggatgg gcatttttga cattgaagtg 660
tggggaaagg acaacaaaaa gcatgaggaa cgtctgggca cgtgtaaaagt ggatatctcg 720
gcactccctc tgaagcaagc caactgcctg gagctgccac tggacagctg tctgggggct 780
ctccttatgt tggtcacact tacaccctgt gcgggggtct ccgtctctga tctgtgtgtc 840
tgccccttag cagacctcag cgaaagaaaag cagattacc agcgatattg cttacagaac 900
tccctgaaaag atgtgaaaaga cgtcggcatt ctacaagtga aggtttttaa ggcagcagat 960
ctcttagcgg cagatttctc aggggaagagt gaccattttt gcttggttga gttaggcaat 1020
gaccgacttc agacgcatac cgtctacaaa aacctcaacc ctgaatggaa caaagttttt 1080
acatttccca ttaaagatat ccatgatgtt ttggaagtga cagtgtttga tgaagatgga 1140
gataaannnn nnnnnnnnnn nnnnnnnnnn nnnnaanaan naanaaaaaa nnaaannnnn 1200
nnnnnnnnnn nnnnnnnnnn ngggcgcgct tttaaaaaaa aacaattttt ttggcgcggg 1260
gtggggga 1268

<210> 2676
<211> 100
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(94)
<223> similar to gi3885978 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2676
tgaattttca ttttacagg aagtgtttgt ttatgtcagg gctcagtgag gtccagctga 60
cccatatgga tgatcacact ctaccagggt attgaagctc 100

<210> 2677
<211> 636

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (349)...(637)
 <223> similar to gi2981175 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2677
 ttgggcaagg agagaaagca cttacatcag accaagtttg ctgatgactt tagaaaaaga 60
 catccaaatg tacactttgt gctaaatcaa gagtcaatga ctttgactgg ttgccaaat 120
 caccttgcaa aggcgaagca gtatgttcta aaaggaggag gaatgtcttc attggctgga 180
 aagaaattga aagagggtca tgaaacaccg atggacattg atagcgatga ttccaaagca 240
 gcttctccgc cactcaaggg ctctgtgagt tctgaggcct cagaactgga caagaaggaa 300
 aagggcattc gtgtcatctg tatggacacc attagtaaca aaaaagtgtc accaaaagtgc 360
 aagcatgaat tctgcgcccc ttgtatcaac aaagccatgt catataagcc aatctgtccc 420
 acatgccaga cttcctatgg tattcagaaa ggaaatcagc cagagggaag catggttttc 480
 actgtttcaa gagactcact tccaggttat gagtcctttg gcaccattgt gattacttat 540
 tctatgaaag caggcataca aacagaagaa cacccaaacc caggaaagag ataccctgga 600
 atacagcgaa ctgcatactt gcctgataat aaggaa 636

<210> 2678
 <211> 1783
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (138)...(1657)
 <223> similar to gi2224699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2678
 ctggcttgct tggagccagc ctgtaggggt ggggagcctt tctctccata gttccagggt 60
 ttggtgaagc atcttacacc agtaagtatt gattgaacgt ctgtcagtga cctctgcaaa 120
 ctctgctttt gttgtaggaa gcagtacagg ttttgattaa gcactcagct gatgtcaatg 180
 caagggacaa gaactggcag acccctcttc atgtggcagc agccaacaag gctgtcaaat 240
 gtgcagaagt gatcattccc ctgctgagca gtgtcaatgt ctccgaccga ggggggcgca 300
 cagccttgca ccatgcggct ctgaacggcc acgtggagat ggtcaattta ctcttgacca 360
 aaggggcaaa tatcaatgca tttgacaaga aggaccggcg tgctctgcac tgggcagcat 420
 acatgggcca cttggatgtt gtagcattgc tattaacca tggcgagaa gtgacctgta 480
 aggataagaa gggttatacc cctctgcatg ctgcagcctc caatggacag attaattgtg 540
 tcaagcatct cctgaacctg ggggtggaga ttgatgaaat caatgtctat ggaaatacag 600
 cgcttcacat cgcttgctac aatggacagg atgctgtggt taacgagttg attgactacg 660
 gtgctaacgt gaaccagcca aacaataatg ggttcacccc tttgcatttt gctgctgcct 720
 ccaactcatg tgcttttgtt ctgaattgt tagtaaaca cggggcagat gttaacattc 780

agagtaaaga	tggcaaaagt	ccactgcaca	tgacagctgt	ccatggaagg	ttcacacggt	840
cacagaccct	cattcagaat	ggaggtgaaa	ttgactgtgt	ggataaggac	ggcaacactc	900
ctctccatgt	ggctgcaaga	tacggtcatg	agcttttgat	taacacctta	ataaccagcg	960
gagctgacac	agccaagtgt	ggaatccata	gcatgttccc	tttacattta	gctgccctaa	1020
atgctcactc	tgactgctgc	agaaaagttgt	tatcatcggg	acaaaagtat	agcatagtat	1080
ccttgtttag	taatgagcac	gtgctgtctg	caggctttga	aatagacacc	ccagataaat	1140
ttggaagaac	gtgccttcat	gctgctgctg	caggaggtaa	tgtggaatgt	ataaaaactct	1200
tgcagagcag	cggagcagat	ttccataaaa	aggacaagt	tgggaggacc	cctttgcaact	1260
atgcagctgc	gaattgtcat	ttccactgta	ttgagacatt	agtgaccaca	ggggccaacg	1320
ttaatgaaac	agatgactgg	ggacgcacag	ctttgcatta	cgccgctgca	tcagacatgg	1380
atagaaaata	gactatctta	ggaaaatgcc	atgataattc	agaagaactt	gaaagagcca	1440
gggagctgaa	ggaaaaggaa	gccacactat	gtctagagtt	tctgcttcaa	aatgatgcaa	1500
atccatctat	ccgggacaag	gaagggttaca	atagcataca	ttatgctgcc	gcctatgggc	1560
acaggcagtg	tctggaattg	cttttggaag	gaacaaacag	tggatttgaa	gaatcagatt	1620
ctggtgctac	taagagtcca	ctccacttag	ctgtaagtga	gatgccatga	gcagcttcac	1680
ctgttacaaa	aacaacctaa	gcattcctaa	aactagattg	ctcttaaaat	gtaaatgtag	1740
taacacagtg	atgagtggta	gtgaaagtag	tccgtggtaa	aag		1783

```

<210> 2679
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (107)...(199)
<223> similar to gi285983 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2679	
gcccagccca	cggtagagaa atgtccagca ccaattctgt tcaagtgtga tcaggtcaaaa 60
gtgtgtgcta	gagcacaggg gagttctgaa ccaggattgc ccccgacagg tcaactcagct 120
ctatgtgcca	gcatccagac atgtgtggag gttccggcgg atggggagga taggcccgcct 180
gcagtccacc	ctggacggtg agttctctag gacacagggg tactgaggta tgaattacat 240
gctgtcaaat	tcactccttt aatctacaga tctgttatTT ttcataaaact tatacagcca 300
tgtcaactccc	agcaggagct accatgtaga aaagtttcat caccacaaaa attgcctcta 360
gctccattgc	ggccacctct tcagcagcc 389

```

<210> 2680
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (98)...(408)

```

<223> similar to gi3882183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2680

cggcacgagc	ggcacgagag	tcagaggggtt	ttaatttact	tgtgaagctc	acactattga	60
aactaattgc	aatgcttgac	tttattttct	ttagagtcca	agaaagagaa	aaacaaggca	120
tagcacaaat	ccccctctag	agtgtcatgt	tggttgggta	atggattcca	gagaccatgg	180
gccaggaaca	tcctctgtca	gcacttcaaa	tgcttcacct	tcagaaggcg	caccactagc	240
aggaagttaa	ggatgtactc	ctcattcatt	cccaaagtgc	cagcatcctt	ctcatgaact	300
tttgaaggaa	aatggcttta	cccaacaagt	gtaccacaag	tatcgtcgaa	gatgcctaag	360
tgagagaaaa	cgcttgggaa	ttggtcagtc	ccaagaaatg	aatacc		406

<210> 2681

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(384)

<223> similar to gill136418 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2681

aatagacagg	ctacgcctgg	acaaatacta	tatgctgatt	cgtctgggtcc	tgaggcagtc	60
ctttgaagtc	ttgaagcgaa	atggctggga	agaaagccga	atcaagggtt	tcttgatgt	120
cctgatgaag	gaggtcctgt	gtcctgagag	tcagtctcct	aatggagtga	gattccactt	180
cattgatatt	tacctggatg	aactctccaa	agtcgggggg	aaggagcttt	tagcagatca	240
gaatctcaag	tttatcgatc	cattctgcaa	aattgctgca	aagacgaagg	accacaccct	300
ggtacagacc	atagctcggg	gtgtcttcga	agctatcgta	gatcagtcct	cttttgtgcc	360
tgaagagacg	atggaggaac	aa				382

<210> 2682

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(360)

<223> similar to gil841756 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2682
cccggcagcg gcggcagcgc gggggggccga gacggcagtg cctaccaggg cgcgctgttg      60
cctcgagaac agttcgcggc cccgcttggg cggccggtgg ggacctcgta ctccgccacc      120
taccgggcct acgtgagccc cgacgtggcc cagtcctgga ctgccggggc cttcgatggc      180
agcgtcctgc acggcctccc aggccgcagg cccaccttcg tgtccgactt cttggaggag      240
ttcccgggtg agggtcgtga gtgtgtcaac tgcggggccc tgtccacacc gctgtggcgc      300
cgagatggca ccggccacta cctgtgcaat gcctgcggcc tctaccacaa gatgaatgg      359

```

```

<210> 2683
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (209)...(381)
<223> similar to gi2197085 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2683
cctgatgcta tcttttgaca cagtcatatc ttgtttgtat attttaccat tagaaatatt      60
cttggtgaag tcaaaataaa atataaagac aaatctccaa atttaaagca ttttatttgg      120
gaagcaagaa ttgcaattca ggacatattg gtaggtggtg gtcttcagta tgttcaaaga      180
acaaagagaa gggttgggagt tttattagaa agaaaaattht ggggggaaagg acttcctatt      240
caataaatgg tactgggata actggctagc tatatgcgga agattgaaac tggaccocctt      300
acttacacca tatacaaaaa tcaactcaag atggactgaa gacctcaatg taaaacctaa      360
aactgtaaag actctggaac ctaaa                                     385

```

```

<210> 2684
<211> 954
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (50)...(239)
<223> similar to gi595481 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2684

```

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```
<220>
<221> misc_feature
<222> (158)...(374)
<223> similar to gil477565 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 2686
<211> 537
<212> DNA
<213> Homo sapiens
```

1576

<220>
 <221> misc_feature
 <222> (3)...(534)
 <223> similar to gi984585 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2686
 acaacgggga tatcgggcat gacgtgctga accagctgct ggcaagcccg tcggtgctct 60
 acaccgccac cgggattatg ttcgcgctgg cgggggtacc gggaatgccg cacctgccgt 120
 ttttgctgtt cagcgccctg cttggtttta ccggctggcg gatgagcaaa cagccgctgg 180
 cggcggaggc ggaagagaaa agcctcgaaa cgctgaccgg caccatcacc gaaaccagcg 240
 agcagcaggt cagttgggaa accattccgc tgatcgagcc tatcagttta agcctcggtt 300
 acaaactggg ggcgctgggt gacaaagcac agggtaaccc gctcaccag cggattcgcg 360
 gcgtgcggca ggtgatttct gacggcaacg gcgtgctgct gccggagatc cgcattcggg 420
 aaaacttccg ccttaagccc agtcagtacg ccattttcat caacggcata aaggctgatg 480
 aagcgatat tccggcggt aacctgatg ccctgccctc cacccaaacc tncgtct 537

<210> 2687
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (78)...(452)
 <223> similar to gil736497 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2687
 gattttaatgt ccgtacgccc tacaacacaa agagtgcgag aaaccctggc ggtaccacaa 60
 gttaatcaga ctgtgcgcga catgtggcta ttctgggtga cctccagggg ccaaaaatcc 120
 gtgtatccac ctttaaagaa ggcaagttt tcctcaatat tggggataaa ttcctgctcg 180
 acgccaacct gggtaaaggt gaaggcgaca aagaaaaagt cggtatcgac tacaaaggcc 240
 tgctgtctga cgtcgtgcct ggtgacatcc tgctgctgga cgatggctgc gtccagttaa 300
 aagtactgga agttcagggc atgaaagtgt tcaccgaagt caccgtcggg ggtcccctct 360
 ccaacaataa aggtatcaac aaacttggcg gcggtttgtc ggctgaagcg ctgaccgaaa 420
 aagacaaagc agacattaag actgcggcg 449

<210> 2688
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> similar to gi466625 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2688
 acaagtacca gaccaaccta ttttggtgat accgatggct cagtcggtgc agttttgttc 60
 gcgcttttcg caacgggaca tttgggaatc atggctgaag gagaaaattt ccttagccag 120
 ttgcttaata tagaagatga agttctcaac gtattgctaa gggagaactt taatgagcaa 180
 cttaacacta atgttaatac aataatcagt atcctgaaca gaagagacat tatttttagaa 240
 agtcttcagc cttatttagt tattaataaaa gacgctgtga cgccatgtac gtttctgggc 300
 gaccaaaccg gcgatcgatt tagcaatatc tgtggtgatc aatttatcat cgatttggtta 360
 aaacgcataa tgagtatcaa tgaaaag 386

<210> 2689
 <211> 231
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(233)
 <223> similar to gil45175 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2689
 gaacaccttc ctgccaagtc cgggcaaaat caccggtttc cacgcacctg gcggttttgg 60
 cgtacgttgg gagtctcata tctacgcggg ctacaccgta ccgccgtact atgactcaat 120
 gatcggtaag ctgatttgct acggtgaaaa ccgtgacgtg gcgattgccc gcatgaagaa 180
 tgcgctgcag gagctgatca tcgacggtat caaaaccaac gttgatctgc a 231

<210> 2690
 <211> 507
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(475)
 <223> similar to gi537020 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0012210"5228460


```

<400> 2692
cggaagcgaa ctgttttaggc gctgtgatac cgccgcgatg tctatcggcg cgttaagccc      60
ggaagcccac gaggcgctgg cggaagcgat gaacagcatc ggcggtaatt cgaactccgg      120
tgaaggcggc gaagacccgg cgcgctacgg caccaacaaa gtgtcgcgca tcaagcaggt      180
ggcttccggg cgctttgggg ttactccggc gtatctggtc aatgccgacg tcattcagat      240
taaagtcgcc cagggcgcgga agccaggcga aggcggtcag ttgccgggtg ataaagtcac      300
gccttacatc gccaaactgc gctattcggg gcccggagtg accg                          344

```

```

<210> 2693
<211> 344
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(346)
<223> similar to gil736695 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2693
gccgttaaat cgtcgtatta ttaagcgata tcgggcgatt gtggtggggg atactgcgca      60
ggcaggcgct tctacggcat cacaacttct cgacgaacaa gaagceatta ccgttttcga      120
ttttaaaacc aaactggagc tgcaaattag cggcctcggc tgccggctatt taccgccgta      180
tctggcgcaa cgttttctcg atagtggcgc gttaatcgag aagaaagtgg tcgccccaaac      240
tctctttgaa cccgtctgga ttggctggaa cgaacagacc gcaggacttg ccagtggctg      300
gtggcgggat gaaatttttag caaatagtgc gatcgccggt gttt                          344

```

```

<210> 2694
<211> 255
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(237)
<223> similar to gil799905 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2694

```

tggctgatgg	gcgcattccg	gtaattgccg	ggaccggcgc	taacgctact	gcggaagcca	60
ttagcctgac	gcagcgcttc	aatgacagtg	gtatcgtcgg	ctgcctgacg	gtaacccctt	120
actacaatcg	tccgtcgcaa	gaaggtttgt	atcagcattt	caaagccatc	gctgagcata	180
ctgacctgcc	gcaaattggg	tataatgagc	cgtcccgcac	tggctgcgat	ctccgggtcc	240
gacgctggaa	tgcgt					255

```

<210> 2695
<211> 595
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(536)
<223> similar to gil789764 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2695						
tacgcactga	ctggtgcgtt	ggttattgtc	accgggatgg	tgatgggaaa	tatcgccgat	60
tatttcaatc	tgctgtttc	cagtatgagt	aataccttca	ccttcctcaa	cgccggcatt	120
ttaatctcta	tcttcctcaa	cgcctggctg	atggaaatcg	tcccgttgaa	aacgcagtta	180
cgttttggct	ttctcctgat	ggtgctggcg	gttgccggtt	tgatgttcag	ccacagcctg	240
gcgctgttct	cggcggcgat	gttcattctc	ggggtggtca	gcggcatcac	catgtcgatt	300
ggtacattcc	tggtaacaca	aatgtatgaa	gggcgtcagc	gcggttcccg	cctgttattt	360
accgactcct	tcttcagtat	ggctgggatg	attttcccaa	tgatcgccgc	gtttctactg	420
gcgcgcagca	ttgagtggta	ctgggtttat	gcctgcatcg	ggctggtgta	tgtcgctatt	480
tttattctga	ccttcggctg	tgagttcccc	gcgctgtgca	gccatgcgac	taagttgggt	540
accgccagta	gttatcccag	tctggacgtt	gtacagctac	ggacattgaa	tgcgt	595

```

<210> 2696
<211> 202
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(205)
<223> similar to gil46476 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2696						
tcggtcagcc	gctgtttgtg	cgcgataacc	gcacggtgac	gctgactgaa	gcgggcgaag	60
agctgcgcgt	tttcgcccag	caaacgctgt	tgcagtatca	gcagttgcgc	cacaccatcg	120

```

atcagcaagg gccgtcgctc tctggcgaat tacatatctt ctgctcggtg accgctgcct 180
acagccatct gccgccgatt ct 202

```

```

<210> 2697
<211> 552
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(553)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2)...(552)
<223> similar to gi349229 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2697
tcttgaagag ccgctgctga tcaacaccag ctttaagcaaa gaacagcgtc gggaaaaaagc 60
cctgtcgatg atggcgaaaag tcggcctgaa aaccgagcac tatgaccgct atccgcatat 120
gttctccggc ggtcagcgtc agcgtatcgc catcgcccggt ggtctgatgc tcgacccgga 180
tgtggtgatt gccgatgaac cggtttccgc gctggatggt tcagtgcgcg cgcaggtgct 240
gaatctgatg atggatttgc agcaggagtt ggggctgtct tatgtcttta tctcccacga 300
cctgtcgggtg gtggagcaca ttgctgatga agtgatgggt atgtacctgg gccgctgcgt 360
ggagaaggga acgaaagacc aaatcttcaa taaccgcgcg catccgtaca ctcaggcgct 420
actttccgcg acgccgcgcc tgaacccgga cgatcgccgc gagcgcatca agctcagcgg 480
tgaactacca agccactga atccaccgcc gggttgcgcc ttcaacgccc gctgtttgtcg 540
gcgnttcggc cc 552

```

```

<210> 2698
<211> 426
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(425)
<223> similar to gi4062194 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2698

```

```

tagcgccacc cttgaacggg tactaaatca ccctgacgaa acgcaagccc gacgcttaat    60
gacgctggaa gatatcgta gtggttattc caatgtgttg atttccctgg cagatagtca    120
gggtaaaacg gtgtatcact cccccgggtg gccggatata cgcgagttta cgcgtgacgc    180
catacccgat aaagacgctc aggggtggcga ggtgtatctc ctttccggcc cgacgatgat    240
gatgccaggc cacgggtcacg ggcatatgga acacagcaac tggcggatga ttaacttgcc    300
ggttggcccg ttggtggacg gcaaaccgat ttatacgctc tacatcgcg cttcgatcga    360
ttttcatctt cattacataa atgatttgat gaataaactt attatgaccg catcggtaat    420
catcat                                           426

```

```

<210> 2699
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(150)
<223> similar to gi407097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2699
attccgtaca cgcacttcga cgtccagttt ttggagaagt ttgggggtcac cttcaggagg    60
gaaggcgaga cggtcactct caagtgcacc atgctgggtga cgccggacct gaagcgggtg    120
cagccgcgcg ccgagtggta ccgcgatggt gagtaggaca cggcccagac ccgggcacac    180
accaggaggc ttttggacgg aaatgtcctt taaatgtggg tgtcaatgtg gcttttgtct    240
ctaccactgg gtcagctcca gacagcgaaa caaactgagg gactgtagag gacttggtgg    300
cccaccgttc gccttgaact tcatccagga gaatcctgga gagggagacc ccg          353

```

```

<210> 2700
<211> 340
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(343)
<223> similar to gi529240 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2700
gggtgctggc gtatccgggg attaaagtct cgacggcaga agccagggct attttaccgg    60
cgcagtatcg ccgccaggat tgcattgcgc acgggcgaca tctggcaggc ttcattcacg    120
cctgctattc ccgtcagcct gagcttgccg cgaagctgat gaaagatgtt atcgctgaac    180

```

```
cctaccgtga acggttactg ccaggcttcc ggcaggcgcg gcaggcggtc gcggaaatcg 240
gcgcggtagc gagcggtatc tccggctccg gcccgaacctt gttcgctctg tgtgacaagc 300
cggaaccgc ccagcgcggt gccgactggt tgggtaaaat 340
```

```
<210> 2701
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(337)
<223> similar to gil799796 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2701
gccagcaggg cgcaaaaaaa gcctcttttg acaccattgt cgccagtggc tggcgtgggg 60
cgctgccgca cggcaaaagcc agcgacaaga ttgttgacgc gggcgagttt gtcactctcg 120
atttcggtgc gctgtatcag ggctactgct ctgatatgac gcgcaccttg ctggtgaatg 180
gcgaaggggt gagcgccgaa tctcacctgc tgtttaacgt ctatcaaatt gtcctgcagg 240
cacagctcgc agcaatctcc gcgattcgcc ccggcggtgcg ctgccagcag gtttacgatg 300
ccgcgcgccg ggtcattaca caagcaggtt atgg 334
```

```
<210> 2702
<211> 435
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(436)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (48)...(426)
<223> similar to gi41228 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2702
actgtccgtc cgctgtacat cgtgaggact gggacattct tgggtgttacc caccttactc 60
accttgacac gcaaggctgg gcaactgaact gctataccta ctgcggcgaa ctgagtcgca 120
tgacgcagtt taaagataaa tctgcgcggt atgccgagaa catcaacgct ggtctgtttg 180
```


actatccggt gctgatggca gcggacatcc tgctgtatca aactaannnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnntttaag gtgccggagc cgtttattcc gaaatctggc gcgcgcgtaa 360
 tgtcgctgct ggagccgacc aataagatgt ccaagtctta cgatggtcgc aatcacgtta 420
 tctggcctgc tggac 435

<210> 2703
 <211> 481
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (36)...(484)
 <223> similar to gi4062217 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2703
 tgacccgatt acggtttcac tgtccgtccc cttacatcgc cgggaccgag aaaaccctgg 60
 tgttccccga cttatacgcc ccgctgaaca ttttacaaca gggccatgcc agtgtgctgg 120
 cgcacccgca gctgcgtgag cgggcagtggt cgggtttcttc atttggaag acctatcata 180
 tgaccggctg gaaagtgggt tattgtgttg cgccagcgcc catcagcgcc gaaattcgca 240
 aggtacatca gtatctgacc ttttcggtga ataccccggc acagctggcg cttgctgata 300
 tgctacgtgc agaacctgag cattatcttg cgttaccgga cttttatcgc cagaagcgcg 360
 atattctggt gaatgcttta aatgaaagcc ggctggagat tttaccgtgt gaaggtacat 420
 actttttgct ggtggattac agcgcggttt ctaccctgga tgatcctgag tttccccagt 480
 g 481

<210> 2704
 <211> 281
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(259)
 <223> similar to gil552831 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2704
 cgggcagcag cagcgcggtg cgctggcccc cgcgctgac ctcaagccga aagtgtctgt 60
 gtttgatgag ccgttgagta acctcgacgc caacctgcgt cgcagcatgc gcgacaagat 120
 ccgcgagttg caaaagcagt ttgatatac ctcgctgtac gtcaccacg atcagagcga 180

```

agcctttgcg gtttctgata ctgtgctggt gatgaacaag gggcacatca tgcagatcgg 240
ctcaccgcag gatctccggg tacggagatt gaattggtaa t 281

```

```

<210> 2705
<211> 427
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (4)...(428)
<223> similar to gil736441 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2705
aatatggctc tcacgccgct cagcgtggcg gataaatgca aagagttaat ggcgcaaaaa 60
cccggtagct ggatcttcac ctacgcaacg ctgtcgggtga acgacgatct gcatcatttc 120
acctcgcggc ttggcatcga acaggccgag tcgttgctgt tgcccagccc atttgattac 180
agccgccagg cgttactctg tgtgtgcgc aatctgccgc aaaccaacca gccaggttct 240
gctcgccagt tagcggaat gctgcgaccg atcatcgaag ctaacaacgg tcgttgtttt 300
atgctttgta cctcgacgc catgatgcgc gatctggccg agcagttccg cgctaccatg 360
acgcttcctg tattgttgca gggggaaacc agcaaagggc aactgttgca gcaatttgc 420
agcgccg 427

```

```

<210> 2706
<211> 399
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(402)
<223> similar to gil45763 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2706
tggtgaatc ccgctctttt aaaattgccg aaagtcgtgc gaacaaagac gaagggccga 60
agaacatcgc cgatgtgctc gacgcaaccg tggcgcgat ttagcagttg tttcagcagc 120
cacacgatgg cgttaccggg gtaaacaccg gttatgacga tctcaacaaa aaaaccgctg 180
gcttgacgcc gtcggatttg atcatcgtcg ccgcgcgctc gtcgatgggt aaaacaacat 240
ttgcgatgaa cctcgtcgaa aacgcggcga tggtgcagga taaaccggta cttatcttct 300
cgctggagat gccatcagaa cagatcatga tgcgttctct ggcgtcgtcg tcgcgcgttg 360
accagactaa aatccgtacc gggcagctcg atgacgaaa 399

```


<210> 2711
 <211> 424
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (29)...(426)
 <223> similar to gil47485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2711
 tacaattcaa tttcggtagc cgtacaaccc ggcgagcgtg attggcctga cagtccccaa 60
 cttaatcatt gtgctgctga ttgaacggat gctcgacgac aaacgcattc ttgcgcatat 120
 tcgcgcctcg aaagcgccaa aacctggcgc agaactgctg ctgggcgatg acgaaagtat 180
 taacgcaaca atgaccgcgc gccacggcgc actgtttgaa gtcgaattta atgatgaacg 240
 ctcggtgctg gatattctca acagcatcgg ccatatgccg ctgccgccgt atatcgaccg 300
 tccggacgaa gacgctgacc gcgaacttta tcaaaccggt tatagcgaaa aaccgggcgc 360
 gggtgcagcc ccgaccgcag gtctgcattt tgacgagcct ttgctggaaa aattgcgcgc 420
 caaa 424

<210> 2712
 <211> 155
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(158)
 <223> similar to gil789672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2712
 tggcgggtgca ttacctagag cgggtgagaa ttgccgaaca tgcgcataag tttcccggac 60
 agatttcagg tggtcagcag caacgcgttg ccattgcgcg ttcgctgtgt atgaagccga 120
 aaattatggt gtttgatgag ccaacgtcgg cgctc 155

<210> 2713
 <211> 325
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(328)

<223> similar to gi290559 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2713

cgaattcgat	ctccgtaccc	ggagatctca	atgtgtggct	ttgcctggga	ctgctgatgc	60
ttgatcgcat	tgcaaccaa	gcggcgaagc	ggataaacgt	gacaccttcg	gcggtgagta	120
agtcgctggc	aaagttaaga	gcgtgggttg	acgaccgcgt	ctttgtgaac	tcaccgctgg	180
gtctgtcgcc	cacaccgctg	atggtcagca	tggagcaaaa	tctggcggag	tggatgcaaa	240
tgagcaacct	gctgctggat	aaaccgcacc	accagacacc	gcgcggcctg	aagtttgagc	300
tggcggcgga	atcaccgctg	atgat				325

<210> 2714

<211> 209

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(212)

<223> similar to gi2337774 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2714

gactgactat	cgcaccgaat	ttactgaagg	agctgcagga	aaaagtttcg	ccagtgggtac	60
gtaaattaat	cccaccttct	cagacgttcc	cacgcccagc	tcccatgagc	gaagcggagt	120
tccgtttgga	gcacaatcag	gatgcgatgg	cggtagaaaa	actgtctgaa	ggcattcgtc	180
tgttcgccgt	tgatcaacgc	aaactggaa				209

<210> 2715

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(498)

<223> similar to gi535006 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2715
gacaaagaag aatatccgca atccgcagcc atcgacctgc gttgcgtaaa tatggttgcc      60
gatctgtggc atgcgcctgc gccgaaaaat ggtcaggccg ttggcaccaa caccattggg      120
tcttccgagg cctgtatgct cggcgggatg gcgatgaaat ggcgttggcg caagcgtatg      180
gaagctgcag gcaaaccaac ggataaacca aacctgggtg gcggtccggt acaaactctgc      240
tggcataaat tcgcccgcga ctgggatgtg gagctgcgtg agatccctat gcgccccggg      300
cagttgttta tggacccgaa acgcatgatt gaagcctgtg acgaaaacac catcggcgtg      360
gtgccgactt tcggcgtgac ctacaccggg aactatgagt tcccacaacc ggtgctcgat      420
gcgctggata aattccaggc cgacaccggg atcgacatcg acatgcacat cgacgctgcc      480
accggtgggt tcctggc

```

```

<210> 2716
<211> 217
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(218)
<223> similar to gi4062409 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2716
gtccctatg acgccgaaaa ttattttgat tatgacaatc tgaataacgg accttctttg      60
cagcactggg ttggcgtcga ttcactgggg cgtgacattt tcagccgtgt cctggttggg      120
gcgcaaactc cgctggcggc gggcgtgttt gccgtgttta tcggtgcggc gatcgggacg      180
ttgctggggt tgctcgctgg atattatgaa ggctggg

```

```

<210> 2717
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(434)
<223> similar to gi2443392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2717
cttgtcgttc tggcaaaact aacctctgtg ttgcggttcg cgaaaccag ggtaaaggcc 60
tgatgccaga cggcaccacc cgtttttctt acaacgggca gccgctttat cactacatgg 120
ggtgctctac attcagtga tacaccgtag tcgcggaagt gtctctggca aaaattaatc 180
cagaagcaaa ccatgaacac gtctgcctgc tgggctgtgg cgtgaccacc ggtattggcg 240
cggtagacaa cacagctaaa gtccagccag gtgattctgt tgccgtgttt ggtcttggcg 300
cgattggtct ggcagtgggt cagggcgcg ctcagggcgaa agcgggtcgg attatcgcta 360
tcgataccaa cccgaagaaa ttcgatctgg cgcgtcgctt cggtgctacc gactgcatta 420
acccgaatga g 431

```

```

<210> 2718
<211> 315
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(317)
<223> similar to gi4062680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2718
gtacgacggc atcatggcaa ctgactcaac acaatgtgta aaaaaaagcc gtggccgccc 60
aaaagtgttc gacagggatg ccgcgcttga taaggccatg aaattgttct ggcaacacgg 120
ttatgaagcg acttctcttg cggacctcgt cgaagcgacc ggagccaaag cgcccacgct 180
atacgcgga tttaccaaca aagaggggtt atttcgtgcc gttctcgacc gctatatcta 240
tcgttttgcc gctaagcatg aagcacagct gttttgtaaa gagaaaaacg tggagtttgc 300
gctggctgac tattt 315

```

```

<210> 2719
<211> 568
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(571)
<223> similar to gi2995439 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2719
aggtattctg tctgatcgct gaccttgacc cgatcgatga gcttgtggac ttcccgatcg 60
tttacgcttc tgcgctgaac ggtatcgcg gtctggacca cgaagatatg gcggaagaca 120

```



```

gtcgtggcat taccgatgaa gtactgtggc agcacaaccc gaaactgggt atcgctcacc 180
tgtccggttt tggtcagtag ggcaccgagg agtacaccaa tcttccggcc tataacacta 240
tcgccagggc ctttagtggt tacctgattc agaacgggtga tgttgaccag ccaatgcctg 300
ccttcccgtg taccgccgat tacttttctg gcctgaccgc caccacggcg gcgctggcag 360
cactgcataa agtgcgtgaa accgggtaaa gcgaaagtat cgacatcgcc atgtatgaag 420
tgatgctgcg tatgggccag tacttcat 448

```

```

<210> 2722
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> similar to gil651528 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2722
aacaactacg ctaaacaat tgccagcctg aacgatcaaa tctcgcgcct gacaggcgtg 60
ggggcagggg cgtcaccta caatctgctg gatcaacgcg atcaactggt gagcgaatta 120
aaccagattg ttggtgtaga agtcagcgtt caggatggcg gcacttataa catcacgatg 180
gccaatgggt actcactggt tcagggaagt acggcgcggc aactggcggc agttccttcc 240
agcgctgacc cttctcgtag gactgtcgct tatgttgatg ggacggcagg caatattga 299

```

```

<210> 2723
<211> 345
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(346)
<223> similar to gi41621 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2723
gggggtacgc tttccggtaa cccgattgcg atggcagcgg gtttcgcctg tctgaatgaa 60
gtcgcgcagc cgggcggtta cgaaacgctg gatgagctga caacacgtct ggcagaaggt 120
ctgctggaag cggcagaaga agccggaatt ccgctggctg ttaaccacgt tggcggcatg 180
ttcggatatt tctttaccga cgccgagtcg gtgacgtgct atcaggatgt gatggcctgt 240
gacgtggaac gctttaagcg tttcttccat atgatgctgg acgaaggtgt ttacctggca 300
ccgtcagcgt ttgaagcggg ctttatgtcc gtggcgca ca gcatg 345

```

09458725-012100

<210> 2724
<211> 366
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(367)
<223> similar to gil45856 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2724
caaggcacc gcgctgaatc tcaagggttcc tccaaagata aaaccctct tgccttcgct 60
ggcctgaaat tcggtgacta cggctccatc gattacggcc gtaactacgg tgtagcatac 120
gacatcgggtg cgtggactga cgtcctgcca gaattcgggtg gtgacacttg gactcaaacc 180
gacgtgttca tgactcaacg tgcaactggg gttgcaacct atcgtaacaa cgacttcttt 240
ggtctggttg atggtctgaa ctttgctgct cagtaccaag gcaaaaacga tcgtagcgat 300
ttcgataact aactgaagg taacggccac ggcttcggtt tctctgctac ctatgaatac 360
gaaggg 366

<210> 2725
<211> 199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(202)
<223> similar to gil789473 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2725
gcgataccta ttccgtttct attccgctgg gagccaccat caatatggcg ggcgagcaa 60
tcactattac cgtgttgacg ctggctgcgg ttaatacgtc gggatttccg gtcgatctgc 120
ccacggcgct gctgttgagc gtgggtggctt ctctgtgtgc ctgtggcgca tccggcgctg 180
cggggggggtc tctgctgct 199

<210> 2726

<211> 554
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(556)
 <223> similar to gi288533 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2726
 cgccatgatg gcggaacctga cggaagaaca gaaagcgcac ggcgatgatca ctgcttctgc 60
 gggtaaccac ggcgagggcg tcgcgttttc ttctgcgcgg ttaggcgtga aggccctgat 120
 cgttatgccca accgccaccg ccgacatcaa agtcgacgcg gtgcgcggct tcggcggcga 180
 agtgctgctc cacggcgcga actttgatga agcgaagcc aaagcgatcg aactgtcaca 240
 gcagcagggg ttacacctggg tgccgccggt cgaccatccg atgggtgattg ccgggcaagg 300
 cacgctggcg ctggaactgc tccagcagga cgcccatctc gaccgcgtat ttgtgccagt 360
 cggcggcggc ggtctggctg ctggcgtggc ggtgctgac aaacaactga tgccgcaaat 420
 caaagtgatc gccgtagaag cggaagactc cgctgcctg aaagcagcgc tggatgcggg 480
 tcatccggtt gatctgccgc gcgtagggtt atttgcctgaa ggcgtagcgg taaaccgcat 540
 cggtgacgaa actt 554

<210> 2727
 <211> 439
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(412)
 <223> similar to gil736642 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2727
 ataagattga taaggaccgt tatctctccg gcaatcctat cgaggtgacg gtagaactga 60
 gagatgaaaa tgacaaacct gttaaggaac aaaaacagca actgaataac gcagtcagca 120
 tcgacaacgt gaaaccagga gtcactacag actggaaaga aaccgcagat ggcgtctata 180
 aggcgacctt taccgcctat accaaaggca gtggacttac tgcgaagcta ttaatgcaaa 240
 actggaatga agatttgcct accgctggat ttatcatcga cgccaacccg cagtcagcga 300
 aaattgacgc attatctgcc agcaataatg gtgtgctcgc caatgagaat gctgcaccgc 360
 aagtctcgta cgatgggtat catcagggtt ttccactct cgacgatgta cgggtacgga 420
 cattgaatcc gtaagcagg 439

<210> 2728
 <211> 140
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(141)
 <223> similar to gil805561 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2728
 gccaacgcgc agcaagggct gccagtggt atcacccctga agctaaataa ccttgctgat 60
 aaaggcctgg ttgatcgtct gtatgcggcc tccagctcgg gcgttccggg taatctgctg 120
 gttcgcggaa cgtgttcgct 140

<210> 2729
 <211> 441
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(428)
 <223> similar to gi43248 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2729
 cgcgcgaaatg acgctcatcc ccggcacaca tctgctggaa aacatccaca acatctgggt 60
 gaacgggggta ggcacgaata gcgcgccgtt ctggcgggatg ttgcttaaca gctttgtgat 120
 ggcgttcagc attacgctcg gcaaaattac cgtctcgatg ctctcggcac ttgccattgt 180
 ctggtttcgt tttccgctac gtaacctctt cttctggatg atttttatca ccctgatgct 240
 gccggttgaa gtacgtatct tcccgcacggg ggaagtcacg gccaacctgc agatgctcga 300
 cagctacgcc ggtttaacgc tgccgctgat ggccctcggcg accgctactt tcctgttccg 360
 caagttaaat atgtcggggc cggacaagggt ggtgccagcc gcgcgggatct ccgggtacgg 420
 acctagagtt cgtaagcaag a 441

<210> 2730
 <211> 654
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (2)...(656)
 <223> similar to gil788900 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2730
 ggactactgg gctggagtgg acatttctcg ctataaaaat gtgcctgttc caacctcata 60
 tatggccgaa aaatcgcagt acgattttgt cggcgcgtgg tgtcacgatg aagatggcgg 120
 tttgctgcac gttgcccaacc accatattgc gccaggtaaa aaacagtgga gttggggaca 180
 cagtgaattt ggccaggcgt gggataagag tctgaccgac aataacggcc cgtatatcga 240
 actgatgacc ggtatttttg ccgataacca gcccgatttt acctggcttg atgcttacga 300
 agagaagcgt tttgagcagt atttcctgcc ttatcattct ttgggcatgg tgcaaaatgc 360
 ctcccgcgat gcggtgataa aactccagcg tagtaagcgg gggattgagt gggggctgta 420
 tgccatctct ccggtgaacg gataccgcct ggcgatccgc gaaatcggta aatgcaacgc 480
 gttacttgat gatgccgtgg cactgatgcc tgcgaccgcc atccaggggcg tgttgacagg 540
 tatcaattct gaaaggctga ccattgagct ctccgatgcc gacggcaata ttgtactgag 600
 ttatcaggaa catcagccgc aagcgttgcc gttaccggac gtcgccaaag cgcg 654

<210> 2731
 <211> 242
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(245)
 <223> similar to gil778474 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2731
 atcggggtaa aacggtttat gacgtagcgt caggggacgc gttatttatt tctgaactcg 60
 gtccgttacc ggaaaatggt acctggttat cgccggaagg ggagtttcag aagtggaacg 120
 gtacagcctg ggtgaaagat gcagaagcag aaaaactggt ccggattcgg gaggcggaag 180
 aaacaaaaaa cagcctgatg caggtatcca gtgagcatct tgcgcctctt cagaatcctg 240
 ta 242

<210> 2732
 <211> 533
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (43)...(534)
 <223> similar to gil742617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2732

ttggtagacc	atgacacgga	ttctatgtcg	cgacccggac	atcgtattga	ttgccatata	60
gatgaggttt	ttatccgtca	ccagattgaa	cttgagcgtc	taacttcgat	tgccataacc	120
ttgccgggaa	ttattgatac	ggaaaatggt	attgtacatc	gcatgccgtt	ctacgaggat	180
gtaaaagaga	tgccgctcgg	cgaggcgctg	gagcagcata	ccggcggttc	ggtttatatt	240
cagcatgata	tcagcgcatg	gacgatggca	gaggccttgt	ttggtgcctc	acgcggggcg	300
cgcgatgtga	ttcaggtggt	tatcgatcac	aacgtggggg	cgggcggtcat	taccgatggt	360
catctgctac	acgcaggcag	cagtagtctc	gtggaaatag	gccacacaca	ggtcgaccgc	420
tatgggaaac	gctgttattg	cgggaatcac	ggctgcctcg	aaaccatcgc	cagcgtggac	480
agtattcttg	agctggcaca	gctgcgtctt	aatcaatcca	tgagctcgat	gtt	533

<210> 2733
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(443)
 <223> similar to gil46119 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2733

ctattccgct	tctgctgatt	ccattcctat	tctgtgcatt	accggccagg	caccgcgcgc	60
ccgtctgcat	aaagaagatt	ttcaggccgt	agatattgaa	gcaattgcta	aaccggtcag	120
caaaatggcg	gttacagttc	gtgaagcggc	gctgggtgcct	cgcggtgctgc	aacaggcatt	180
tcacctgatg	cgttctggtc	gtccgggtcc	ggtactggtg	gatttaccgt	tcgacgttca	240
ggttgcggaa	atcgagtttg	atcctgacat	gtacgaaccg	ctgccgggtct	acaaacctgc	300
tgccagccgt	atgcagatcg	aaaaagctgt	agaaatgtta	atccaggccg	aacgtccggg	360
gattgttgcc	gggggcgggg	taattaatgt	tggcgcaaag	gcgctgaaac	agcagtttgc	420
tagggtgtcc	accgtcccgg	c				441

<210> 2734
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(395)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (394)...(5)
 <223> similar to gil47423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2734
 taggctgttg acttttttctt cataagtacg gaagtagccg ttcagtgccg gacgaccaa 60
 ttcgttggtta aacgccgcgc cgcccagcgg gccttcggtc atgatgtcca gcgcggtgac 120
 aatgcgctca ggcttaccga aatcttcttc ccacggctgt tcgaagccag gaattcgag 180
 gttggaaacg gagaaaccaa ccagaccgcg tttcggcttt gcgcgcgcgc cggtggcacc 240
 ttcacgcgcg atttcaccgc cggaaccggt cgccgcgcgc ggccacggag aaatcgccgt 300
 cgggtggttg tgagtttcga ctttcatcag aatatgcgcc ggttcctgat ggaaatcgta 360
 gcggcccgtt tcgtggtcac caaagtancg gccc 394

<210> 2735
 <211> 333
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (127)...(280)
 <223> similar to gill155360 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2735
 cttccatttg ttctcattct ctttccccag ctggggctga tgaacctgtc gcacgcatag 60
 cctcggctca gggctgatgt ttggtgctgt tcccacagtc acctctgtcc tgtgcacacc 120
 tgtatggagg gtgcttggcc cttcactgtg caacagagcg ccagaccaca gaacacccag 180
 ccacagaaca catggccaca gaacacgcag ccacagaaca ccagaccaca gaacacatgg 240
 ccacagagca cgcagccaca gaacatccag ccacggggct atgcctcaaa ctgaggcagt 300
 gtcttgacag acagctggaa gacacggccc tgg 333

<210> 2736
 <211> 810
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (77)...(812)
 <223> similar to gil789150 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2736
 attcagatgt ccgtcctgta catcggctgg actgggatga gcctggcgtg gcgcaactta 60
 attttgcttg actgtgcaac aacgtatcga agtcgaaatg ctcggttatc tgttcttcgt 120
 cggtaatcgc aaagccacgc cgctgccgta tcaaagccag ccgcatgact catgcgactg 180
 gtatcgctg cgatcatgaag aagcgatgac gccggatgcg gtgggtgcgcc tggcgggaagc 240
 ggcatatgaa aaatatggct tcaacgattt caaactgaag ggcggtgtac tggccgggga 300
 agaagaggcc gagtctattg tggcactggc gcaacgcttc ccgcaggcgc gtattacgct 360
 cgatcctacc ggtgcatggg cgctgatcga agcgattaaa atcggtaaat acctgaaagg 420
 ttcgctggct tatgcagaag atccgtgtgg tgcgcagcaa ggtttctccg ggcgtgaagt 480
 aatggcagag ttccgtcgcg cgacagggtt accgactgca accaatatga tcgccaccga 540
 ctggcggcaa atgggccata cgctctccct gcaatccgtt gatatccgc tggcggatcc 600
 gcatttctgg acaatgcaag gttcggtagc tgtggcgcaa atgtgccatg aatttggcct 660
 gacctggggt tcacactcta acaaccactt cgatatctcc ctggcgatgt ttacccatgt 720
 tgccgccgct gcaccgggta aaattactgc tattgatacg cactggattt ggcaggaagg 780
 caatcagcgc ctgaccaaag aaccgtttga 810

<210> 2737
 <211> 621
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (6)...(624)
 <223> similar to gil651245 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2737
 tggagatgtt tgtttctacg cgccgtgacg gtcgctcgct ggggtgagctg gtcaaagaag 60
 agatggggcc aaccgccggg gtgattgcgc tgggtggcctg ctttatgac atggtcatta 120
 tccttgacgt gctggcgatg atcgtggtga aagccctgac tcatagcccg tggggaacat 180
 ataccgttgc gttcaccatt ccgctggcgc tgtttatggg gatctacctg cgctatctgc 240
 gtccggggcg tattggcgaa gtgtcgggtca tccgtctggt attcctgatt ttgccatta 300
 tctctggcgg ctgggtggca gaaagtccga cctgggcacc gtactttgac tttaccggcg 360
 tgcagttgac ctggatgctg gtgggttacg gttttgtggc ggcggtgctg ccggtgtggt 420
 tactgctggc ccgcgctgac tacctctcta ccttcccgaa aatcgggact atcgtcggtc 480
 tggcggtagg cattttgatt atgcgccga cgctgacat gcctgcgctg accaaatttg 540
 tcgatggcac tggcccggta tggaccggga acctgtttcc gttcctgttt atcaccatcg 600
 cctgtggcgc ggcgtctggt a 621

09488725 "042100

<210> 2738
 <211> 572
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (32)...(496)
 <223> similar to gil736453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2738
 catgctacga attctagcgt ccgacccgga gatcgtgacg cctggcggtg aaataagctg 60
 gggtgacgct aatctcgggg tcgatgaaat ccgcgagcaa ctgctctctt caccgcacag 120
 tctgttcccg gtatgtcgcg gtgaactgga tgaaatcatc ggtattgtac gtgctaaaga 180
 actgctgggtg gcgctggaag agggcggttg tgtggcggtg attgcttcgg cgtctccggc 240
 gattatcgtc ccggaacccc tcgatccgat caacctgttg ggcgtgctgc gtcgtgctcg 300
 cgggagcttt gttatcgtga ccaacgagtt tgggtgtgta caaggtctgg tcacgccgct 360
 ggatgtgctg gaagccattg cgggtgaatt tccggacgct gacgaaacgc cggaaatcat 420
 tactgatggt gacggctggc tggtaaaagg cgggtgcagat gtgcgtgcct ttcagcaggc 480
 gcttgaggct gacccccccc ttgagctggg atgatgacct gacgtttgcg gtcacggtg 540
 atgtacgggt acgcgagctt gaattcgtaa tc 572

<210> 2739
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(440)
 <223> similar to gi216512 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2739
 cactctgatt acgaattctt gctctcgacc ctgagatccg ccaggatgaa gaagacttcg 60
 aaaccttcca gggcgaaggc ctcttctcga tggacgaaaa atctcgccag gtgaacctga 120
 ccgaacgtgg tctggtgctg attgaagaac tgctggtgaa agagggcatc atggatgaag 180
 gggagtctct gtactctccg gccaacatca tgctgatgca ccacgtaacg gcggcgctgc 240
 gcgctcatgc gctgtttacc cgtgacgtcg actacatcgt taaagatggt gaagttatca 300
 tcgttgacga acacaccggt cgtaccatgc agggccgtcg ctggtccgat ggtctgcacc 360
 aggctgtgga agcgaagaa ggtgtgcaga tccagaacga aaaccaaacg ctggcttcga 420
 tcaccttcca gaactac 437

<210> 2740
 <211> 389
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(390)
 <223> similar to gil800007 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2740
 ctgcctgga aagggttaat taccgatccc catatggatg gttcttttga tgtagaagcc 60
 gggctgcaga tcgcgcgtaa attgctgctt gagctggtga atatgggact gccactggcg 120
 acggaagcgt tagatccgaa tagcccgcaa tacctgggcg atctgttttag ctggtcagca 180
 attggtgctc gtacaacgga atcgcaaact caccgtgaaa tggcctccgg gctttccatg 240
 ccggttggtt ttaaaaacgg caccgacggc agtctggcaa cagcaattaa cgctatgcgc 300
 gccgcgcgcc agccgcaccg ttttggtggc attaaccagg cagggcaggt tgcgttgcta 360
 caaactcagg ggaatccgga cggccatgt 389

<210> 2741
 <211> 337
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(340)
 <223> similar to gil736423 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2741
 aggctgccgc tgagcgctgg ggcttcgcct tgagttttga gcaaattggag tgggcgagct 60
 gcgagtatta cagccatcac ggtaaaatga tgccggacga ctggcatgag caacttagcc 120
 gtttcgacgc catctatttt ggtgccgctcg gctggccgga taccgttccg gaccatattt 180
 cgttggtggg ttcgctgctg aaatttcgtc gtgaattcga ccagtacgtc aacctgcgcc 240
 cggttcgtct ctttcctggc gttccctgcc cgctggcggg aaacacgcct ggcgacatcg 300
 atttttacgt ggtcagggaa aacaccgaag gcgaatt 337

<210> 2742

<211> 455
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(457)
 <223> similar to gi216440 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2742
 gtccgtatct gatatcgacg acgttatcct cgttggtggt cagactcgta tgccaatggt 60
 tcaaaagaaa gttgctgagt tctttggtaa agagccgctg aaagacgtta acccggacga 120
 agctgtagca atcgggtgctg ctgttcaggg tgggtgtctg actggtgacg taaaagacgt 180
 actgctgctg gacgttaccc cgctgtctct gggatcgaa accatgggcg gtgtgatgac 240
 gacgtgatc gcgaaaaaca ccactatccc gaccaagcac agccagggtg tctctaccgc 300
 tgaagacaac cagtctgcgg taaccatcca tgtgctgcag ggtgaacgta aacgtgcggc 360
 tgataacaaa tctctgggtc agttcaacct agatggtatc aaccggcac cgcgcgcat 420
 gccgcagatc gaagttacct tcgatatcga tgctg 455

<210> 2743
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(397)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (16)...(396)
 <223> similar to gi536970 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2743
 gtccgacccg gacatctgct ggatattgac gataccgaca tgcccagtct tcgttactcg 60
 gatcctgaag ccagcgtat tggtcagcca tttaaagggtg atgacatcct taaagcgtg 120
 aatggcgaag aaaatgtcgc tatcaatcgc ggttttctgg cgcaggcttt acgcgtat 180
 acccccatct acgatgaaaa tcataaaca attggcgtgg tggcgatcgg ccttgagtta 240
 agccgtgtga cccaacagat caatgacagt cgctggagca ttatctggtc ggtattattt 300
 ggcgtgctgg tcggactgat tggcacctgc attctgggta aggtactgaa aaaaatcctt 360
 ttcggcctgg aaccctacga aatctccnct ctgttt 396

<210> 2744
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(404)
 <223> similar to gi396299 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2744
 ctgtgcgaaa tgtttgctg atgcggatga atgcccctcc ggggcgtttg aacggattgg 60
 tcgcgatatc agccttgacg ctctggaacg ggaagtgatg aaagatgaca ttttctttcg 120
 cactgcgggc ggcggcgtca cgctttcttg cggcgaagtg ttaatgcagg cggagtgttc 180
 taccggtttt ttacagcgac tgcggctgtg ggggtgtgtca tgcgccattg aaactgccgg 240
 agacgcacca gccagcaagc tattaccgct ggcgaaattg tgcgatgaag tgttgttcga 300
 tttaaaaatt atggacgcga ctacggcgcg ggatgtggtg aagatgaacc tgccacgcgt 360
 gctggagaat ctgcgtttgc tggtagtgga gggcgtcaac gt 402

<210> 2745
 <211> 625
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(605)
 <223> similar to gi4062504 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2745
 ttcccgggtc gacgatttcg tccggaatca aaaatctcct gggtaggagtt ccccgcggtt 60
 ccgcaaatgt tggaagcgtt aaacgttggc agtattgatc tcggcagtac cggggatatt 120
 ccgccaatct ttgcccaggc tgccggggct gatttggtgt acgtgggcgt cgagccaccg 180
 aagcccaaag ccgaagtgat tctggtggca gaaaacagcc cgatcaaac cgtagccgat 240
 cttaaaggct acaaagttgc ctttcagaaa gggtccagtt cacacaacct tttactgcgt 300
 gcaactgcgc aggcggact taagtttacc gatatccaac ccacttacct gacgcccgct 360
 gatgccgcgc ccgcgttcca gcaaggtaac gttgacgcct gggctatctg ggatccctac 420
 tactctgctg cattattaca gggcggcgtg cgggtgctga aagacggcac cgatctcaat 480
 caaactggat cgttttatct ggcagctcgt ccctatgcag aaaaaaacgg cgcttttatt 540
 cagggcgtag tggcaacctt tagtgaggcc gatgcgttaa cccgcagcca gcgcgagcaa 600
 agcaacgaaa tcgtcgaccc gggaa 625

<210> 2746
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(454)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (264)...(456)
 <223> similar to gi581146 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2746
 ccaccagaga gcagtgaact gagtatccag ccagctgcac gaaagagcag cagagtcaaa 60
 ggaagtggca ggaaaaaaat aatgggcaag gcaaaaatga tgaaataaaa atccaggaag 120
 caacataaag tattaacaaa accaaagggtt gggtcttttaa aaatagtaca aaaatagaca 180
 agcctctggt tatattaaga tgccacagag aaatagggga nnnnnnnnnnn nnnnnnnnnnn 240
 nnnnnnnnnnn nnnnnnnnnna aagttgttcg tgctggtggg aacgctttat ccgatgattt 300
 acggcctgct gggctgggga cgctctccg ttggcgcgcc gtattttaac cgcgcgacgt 360
 taccgtttgg tctgttgatg ctggtggtga ttgtgctggc gacgtttgtc tctggcaaac 420
 gcgtgcagct tccggcgctg gtagctcatg cgg 453

<210> 2747
 <211> 127
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> similar to gi2454510 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2747
 aaccgcatcc cgccaacct ggtggaccag ttcgagaagc agctgccgct gcaccgggac 60
 ggcttccaca cgctgcagta ccagaggacg tccgcggccg ccgagcagcg cagcgagagc 120
 cccgggc 127

<210> 2748
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(336)
 <223> similar to gi40908 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2748
 ggggtggcgcc cggatgacga aacacccacc ctgctgggtgg tgcacaatat taacctgccg 60
 ccaggcgagt ttggcgggtcc gtggatcgac gcattattca ctggaactat tgatccgcag 120
 gcacatcctt tctttgctga gatcgcccat ttgcgcgtct ccgctcactg tttgattcgc 180
 cgtgatggtg aaatagtcca gtatgttctt ttcgataaac gtgcatggca tgcgggagtc 240
 tctcagtatc aggggcgcgga acgctgcaat gatttttcta ttgggattga gcttgaaggc 300
 accgatccgc tggcgtatac cgatgcgcag tattg 335

<210> 2749
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> similar to gil742648 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2749
 tacctgttat tgtttgtctg cttccttgtg atgtctctgc tggttgggct ggtgtacaaa 60
 tttaccgccg aacgcgcggg caaacagtcg ctggatgatt tgatgaacag ttcgctgtat 120
 ctgatgcgca gcgaattgcg tgagatcccc ccacacgact ggggtaaaac tctgaaagag 180
 atggatttaa atctctcttt cgatctgcgt gtcgagccac tgagtaaata ccatcttgat 240
 gatatttcca tgcaccgact gcgtggcggc gaaattgtcg ccctggacga tcagtacacg 300
 tttttgcagc gtatcccgcg cagccactac gtgctggcag ttggtc 346

<210> 2750
 <211> 372
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(374)

<223> similar to gil778530 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2750

agcgtggcg	attcagggct	ggctaccccg	tttcattgaa	tttggcgct	gtagtgcgga	60
aatggcacca	gaagcggtag	tccacggatt	acgcccatt	ggtagggctt	gcgaaggtag	120
tatgttccgc	gccactgcgg	gcgtaaacac	gcataaaggc	agcatttttt	ctttagggtt	180
gctatgtgcg	gcaattggcc	gtttgcttca	actcaaccaa	ccggtaacgc	caacaaccgt	240
ttgttctacg	gcggcaagtt	tctgccgtgg	cctgaccgat	cgcgaaactgc	gtaccaataa	300
ttcacaactg	acggcaggtc	aacggttgta	ccaacagctt	ggccttaccg	gcgcacgcgg	360
tgaagccgaa	gc					372

<210> 2751

<211> 596

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(598)

<223> similar to gil736838 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2751

cgcaattgtt	tccctgccga	ttaccgaaaa	aggctattgt	attgaccggt	ccaccgggtgc	60
actcgacacc	agtaatccgc	ggattattca	cgatctacaa	accctgaag	aacctcactc	120
cgcaccgggt	attctcgctg	aagcactgaa	acgcgcgctg	gagcgcggtc	ttacaccggt	180
taccgtgctc	tcctgcgaca	atattcccga	caatgggtcat	gtgggtgaaa	acgcggtgct	240
gggaatggca	gaaaaacgtt	cgccagaact	cgccgggtgg	ataaaagagc	acgtcagttt	300
tccgggaacc	atggtcgacc	gcattgttcc	ggctgcaacc	gacgaatcac	tggtggaaat	360
cagccagcat	ctgggggtga	atgatccctg	cgcgattagc	tgcgaaaccg	ttatccagtg	420
ggtggtggaa	gataacttcg	tcgctgggct	tcctgcctgg	gaagtcgcag	gtgtacaaat	480
ggtgaatgat	gtcctgccat	gggaagagat	gaaactgcgg	atgcttaatg	gcagccactc	540
ttttctcgct	tatctgggtt	acctctcagg	attcgcccat	atcagtgatt	gcattgc	596

<210> 2752

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(208)

<223> similar to gi4062236 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2752

gttgaattat	tcctcagcga	tgaaggcgat	gatgtggtga	ttgaagtcgc	cgatcagggc	60
tgcggcgttc	cagagtctct	acgagacaaa	atatttgagc	agggggtcag	tacgcgtgct	120
gacgagcccg	gtgaacatgg	cattggggtg	tacttgattg	ccagctacgt	aacgcgctgc	180
ggtggtgtta	tcactctcga	agataat				207

<210> 2753

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(337)

<223> similar to gi537141 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2753

tcacggttgc	ctggacttcg	acgacagtac	agacgacaaa	gagtacgtct	tcgacgtgaa	60
acgtacattg	caatctgtgg	cgaaaagaga	aatagctgcc	cttgcccga	caatgatcaa	120
agatggcgac	tgcttttttc	tcgactccgg	ctcaacctgc	ctcgaactgg	cgaaatgcct	180
ggccgatgcg	cgggtaaagg	tcattctgcaa	cgacattaaa	atcgccaatg	aactgggctg	240
ttttcccat	gtggaaagtt	acattatcgg	aggactgatt	cgcccagggt	atttttcggt	300
aggagagagt	ctggcgctgg	agatgatcaa	tcgct			335

<210> 2754

<211> 518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(518)

<223> similar to gil47536 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2754
gcaaaactaaa accggggagca gcaccagaca acgctcacta tcaaggcaat accaacgtca      60
acggcgaaga catgactgag attgaggaga atatgctact cccaatttct ggccagggaac      120
tgcccattcg ttggcttget caacacggca gcgaaaaacc ggtaacgcac gtttcacgcg      180
acggactcca ggcattacac attgctcggg ctgaagaact accggctgtt actgccctgg      240
ctgtttccca caaaaccagc ctgctcgacc cgctggaaat tcgcgaactc caaaaactgg      300
ttcgtgacac tgacaaagtt ttccctaata ctggtaattc aaacctggga ctgataactg      360
cttttttcga agcatacctg aacgctgact acaccgatcg aggactgctg acaaaagagt      420
ggatgaaggg taatcgtggt tcacacatca ctgcgacggc ttccggtgct aatgctggcg      480
gcggaaaacct caccgatcgc ggcgaagggt tcgtaccc                                518

```

```

<210> 2755
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(408)
<223> similar to gil742266 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2755
tggatgattt cgccagtgtg cagaacatta ttaacaacag tgaagaattt gccgctgccg      60
tgaagaaacg cgggtattact gatgcgaaaa aagtgattac cagcccgctg accgtagggt      120
atttcgatgg taaagatggc ctgaaacaag atgcccgggt gctcaaagtc atcagctatc      180
ttgatgtcgg tgatggcaac tactgggcac atcccatcga aaacctgggt gcggtcgttg      240
atttagaaca gaaaaaaatc gttaagattg aagaagggtc ggtagttccg gtgccaatga      300
ccgcacgccc atttgatggc cgtgaccgcg ttgctccggc agttaagcct atgcaaatca      360
ttgagcctga aggtaaaaat tacaccatta ctggcgatat gattc                                405

```

```

<210> 2756
<211> 522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(461)
<223> similar to gil48165 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2756
taacacccgc gacaagctca ttgtcgtgac cgggctttcg ggttctggca aatcctcgct    60
cgcttttcgac accttatatg ccgaaggcca gcgccggtac gttgaatccc tttccgccta   120
cgcgcggcag tttctgtcac tgatggaaaa gccggacgct gatcatattg aggggctttc   180
tcctgccatc tcaattgagc agaaatcgac gtctcataac ccgcgttcta cggtgggggac   240
aatcaccgaa atccacgact atttgcgttt gttattcgcc cgcggttggcg agccgcgctg   300
tccggaccac gacgtcccgc tggcggcgca aaccgtcagc cagatgggtg ataacgtgct   360
gtcgcagccg gaaggcaagc gtctgatgct actcgcgcca atcattaaag agcgcaaagg   420
cgaacacacc aaaacgctgg atatcctgcc aagccattaa gacgggtgtc gtcagtgggt   480
ttgccagtct ctgcgttgct agcgtccgga cattgaatcc gt                    522

```

```

<210> 2757
<211> 493
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(494)
<223> similar to gil742410 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2757
aaggatcatc atgttgacgt tacgtataaa aactgcgct cactgaaaca tggcgaagcc    60
ctgctgaaaa tggagtgttg tgggtgatgt cataccgac ttcatgttaa gaatggcgat   120
tttggtgaca aaaccggcgt aattctgggc catgaaggca tcggtgtggt ggcagaagtg   180
ggtccagggtg tcacctcatt aaaaccaggc gatcgtgccg gcgtggcgtg gttctacgaa   240
ggatgcggtc attgcgaata ctgtaacagt ggtaacgaaa cgctctgccg ttcagttaaa   300
aatgccggat acagcgttga tggcgggatg gcggaagagt gcacgtggt cgccgattac   360
gcggtaaaaag tgccagatgg tctggactcg gcggcgcca gcagcattac ctgtgcggga   420
gtcaccacct acaaagccgt taagctgtca aaaattcgct cagggcagtg gattgctatc   480
tacggtcttg gcg                    493

```

```

<210> 2758
<211> 210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(213)
<223> similar to gil742348 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<210> 2761
 <211> 537
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(540)
 <223> similar to gill160318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2761
 aagccttcaa catcgaacag gcgaccttta acgactacat ggcgaagctg ggcgaagttt 60
 ccgataccga cattcgccgc ttgctgacc tgcaaactgc cctgaccaa cgtgtggatc 120
 acttcgcccgc tcacggctgt aaagtgtctg accacgcgct ggatgtggtg atgtttgctg 180
 aagcgaacga agcgggaactg gacagcattc tggcgcgccg tctggctggc gaaaccctga 240
 gcgagcacga agtggcgagcgt ttcaaaactg cgggtactggt gttccttggg gccgaatatg 300
 cacgtcgccg ctgggtacag cagtaccaca ttggcgcgct gcgtaataac aacctgcgtc 360
 agttcaaact gctggggccg gatgtaggct ttgactccat caacgaccgt ccgatggcgg 420
 aagagctgtc taagttgctg agcaagcaga atgaagaaaa cctgctgccg aaaaccattc 480
 tgtactgcct gaaccgcgc gataacgaag tgctgggcac catgatcggg aacttcc 537

<210> 2762
 <211> 214
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(211)
 <223> similar to gil787795 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2762
 tcgacgccat tatcgcccc gatgccaacg cctgcccgc tgccgcacaa gccgcagaaa 60
 acttgaaaaa tgacaaagta gcgattgtcg gattcagtac gccaaatgtg atgcgccgt 120
 atgtagagcg cggcacggtg aaagaatttg gcctgtggga tgtggttcag caaggcaaaa 180
 tatcagtgtg tgtggcggat gcattacagt aaaa 214

<210> 2763
 <211> 485
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (398)...(487)
 <223> similar to gil384056 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2763
 gggatgcatg actgagatgg agtttggggg aaactgttac tacgtaagag ctcctaccta 60
 ccgaccatgg gtgacacgca gacaccttcc catgcctgat tcattcacat ctcctactag 120
 ctgtgtgagg cagctcctac tggctccgtt gaaacagatg tgaagtaact agctcaagca 180
 gctctaagtc caagttaacg tttgggtttc agggcctgtg tgcttcatcc gtcatttgtg 240
 tttctgaaaa gcgagatgaa taaaagttcc agaatggcaa acacgatctt cgggccccag 300
 gacagcagca ttgagtgatt ctggtcacac ggggaggcag ccgtgggcac gcctgtccct 360
 ggagctcaca acccggtggg caaccgtgga cccacagatc atcggggtcg cggttgccgg 420
 tcaggaaatc tccacccgtc cattccagtt ggtcactggt cgcgtatgga aagggtccgc 480
 gtttg 485

<210> 2764
 <211> 129
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (31)...(130)
 <223> similar to gil799743 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2764
 tacatcgtag tgacggggaa aacacattgc ggtacgccac ttactaccgt tacaggagac 60
 gcaacgcaat cgggttatct gacgctgaac ctgcctgaaa tgtgggaagt gtcagggttat 120
 aaccgtggt 129

<210> 2765
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (56)...(336)
 <223> similar to gi1651354 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2765
 acttcatgtc cgtacgctgt acaaccacca gactgctaaa accctgggggt tacccaaatt 60
 gatggacttg ggcgacagca gcgagctctt ccgtaagcat cacatctctg gtcagggttct 120
 gcgtgacgag ctactgcgtc gcggctggat ccaccaatta cgtcaacgca gcgacgggtcc 180
 cgcgcaagtc ttttgccatc cagattacgc cggagagatt ggccttatca tgccgtatga 240
 aaaagacttc tgcgccactt gcaaccgcct gcgcggtttcc tccattggta aactccatct 300
 ctgcctgttt ggtgaaggcg gcgttaacct gcgc 334

<210> 2766
 <211> 339
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(341)
 <223> similar to gi882538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2766
 actggcaggc gcattgattg cccaggggggt tatggatttt ctgcctacga ttgcgattct 60
 gaccgcccga gcaagtctgg gctgctggct aagttatatt caggggcccgt ggtaggggaa 120
 taccaaaacg gtgaaaggct ggctggcaca gcttctctgct aaatatcacc agcgcgccac 180
 ctgcatgttt gaccgccacg gtctgctggc gctgctggct ggacgttttc ttgcatttgt 240
 ccgtacgctg ctgccaacca tggcggggaat ttccgggttg ccaaaccgcc gcttccagtt 300
 tttcaactgg ttaagtggat tgctgtgggt cagcgtggt 339

<210> 2767
 <211> 423
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(369)
 <223> similar to gi2584857 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2767
cgaaggtatt gagttatctc gatgtactgc gcgacaaaagc gccggttggc aacaaaagttg 60
ccatcatcgg ttgtggcggg attggttttg atacggcgat gtattttaagt cagccggggcg 120
aatccaccag ccagaatatc gccgggttct gtaatgaatg ggggatcgac agtagcctac 180
aacaggctgg tggcttaagc ccgcaggga tgcagatccc ccgtagccca cggcagattg 240
tgatgctcca gcgcaaagcc agcaaaccag gacaggggtt aggcaaaacc accggctgga 300
tccatcgcac caccctgctc tcgcgggggtg tgaaaatgtt ccccaaagtg agtaatctga 360
gtatcgccag ggtcgtcccg ctcgtggtgt tctccggctc aaatcctcga agccgtttcg 420
ctc 423

<210> 2768
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(359)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (358)...(6)
<223> similar to gi405964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2768
gccggttttg ccgcatcaat ggtgcttagc gatgactcaa cgtaccagtg cgccgactgc 60
aaatctgccc gccggggccag taaggagtac ccagttcat caagaagctg gcttgccact 120
ttcggcaacg cgaccggatt aagcttcaat gactttgtct ggttatttgt aagtgcgctt 180
aaccgtgcct caataatatt cattttcccc gcgacatcgt tgagctgctg ccgggttttg 240
ctggcattaa tatcgggttc cacaccttca actgaagaag taatcccgtt ctgatatagc 300
tggcgatcgg tcgcgataat ggcgntctgc tctttttcta tttgctgcaa gaccgtgg 358

<210> 2769
<211> 226
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(212)
 <223> similar to gi147324 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2769
 agctctggtg acaccctggc gcgtattccg caggaatccg gcggtaccaa ggacatcacc 60
 ggtggtctgc cgcgcgttgc ggacctgttc gaagcacgtc gtccgaaaga gccggcaatc 120
 ctggctgaaa tcagcgggat cgtttccttc ggtaaagaac ccaaaggtaa acgtgggttg 180
 gttatcacc cggtagacgg tagcgatccc cgggtaccga catcaa 226

<210> 2770
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> similar to gi41216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2770
 ggcggaacc aaatcgatgg caatgtgttg atagatacct ccattttcgc cagccacgat 60
 aaagcccccg gctggccatg gaatgacatg acacaatgct ttagcgctcc gcctgcgcc 120
 gccatagatg accgcaactg tttctccgtc tcgctctaca gagccccaaa gcctgggtgat 180
 atggctttta tacgcgtggc atcttattac cccgttacga tgttcagcca ggtacgcacc 240
 ctcccccggtg gttctgccga agcgcaatac tgcgaactgg atgtggtgcc aggcgacctg 300
 aaccgcttta cgctgacggg atgcctgcc caacgttctg agccgctcg 349

<210> 2771
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(437)
 <223> similar to gi304912 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2771
cctgctggca atcaatccccg ataagcgtca caatcgcggtg atcacgccgc atcctggcga      60
ggccgcacgg ttgttaggct gttccgctgc tgaaattgaa agtgaccgct tacattgcgc      120
caaacgtctg gtacaacggt atggcggcgt agcgggtgctg aaagggtgccg gaaccgtggt      180
cgccgcccat cctgacgctt taggcattat tgatgccgga aatgcaggca tggcgagcgg      240
cgccatgggc gatgtgctct ctggtattat tggcgcatgtg cttggggcaaa aactgtcgcc      300
gtatgatgca gcctgtgcag gctgtgtcgc gcacgggtgcg gtagctgacg tactggcggc      360
gcgtttttgga acgctcgga tgctggcaac cgaactcttt tctacgtac agcgtatttg      420
taaccgcgaa gtgcctgttg atcctcttgc gtatacagtc attccccg      468

```

```

<210> 2772
<211> 236
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(239)
<223> similar to gi43312 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2772
tggatatcgg cattggcgaa gaaaaccgta agcgtcggtg gcgtaccggt aaatgctctt      60
tcctgccgga agagcgcgaa tggatggaca ggctgatgag ctggggggttg gtcgatacct      120
tccgccatgc gaatccgcaa acagcagatc gtttctcatg gtttgattac cgctcaaaag      180
gttttgacga taaccgtggt ttgcgcacgc acctgctgct cgccagccac cccctg      236

```

```

<210> 2773
<211> 422
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(425)
<223> similar to gil789585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2773
tcagacataa agggattaaa accctgagaa cgttcggggcg ggccggggtta atgttattca      60
atgcgctggt cggcaaaccg gaatttcgca aacatgcgcc gctgctggtg cgccagctct      120
ataatgtcgg cgtcctgtcg atgctgatta ttgtggtttc tggcgtgttc atcggaatgg      180
tggtggggct gcaagggttat ctggttctga ccacttatag tgcggaaacc agtctgggta      240

```

tgctggtggc	ggtatcgcta	ctgcgtgaac	tggggccggt	ggttgccgcg	ttgttgtttg	300
ccgggcggtg	tgggttcggcg	ctaaccgcag	aaatcggctt	gatgcgcgct	acagagcatc	360
tctccagtat	ggagatgatg	gcggtggatc	cgctgcgctg	ggttttttct	ccccgcttct	420
gg						422

<210> 2774

<211> 253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(248)

<223> similar to gi4062338 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2774

tggcggcctt	cctgagagaa	tattgccgag	gagtacgcga	ctaaacgcta	tcgttctaac	60
gtcatcaact	gggggatgtt	accgctgcaa	atggcggaag	taccaacctt	tgaagtgggg	120
gattacattt	acatccctgg	cattaaagcg	gcgctggata	atccgggtac	gacgtttaaa	180
ggttatgtga	tccatgaaga	tgcgccggtg	acggaaatta	cgctctatat	ggaaagtcag	240
gaagccagaa	cag					253

<210> 2775

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(440)

<223> similar to gi450382 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2775

gacgacgctg	cgcaggctgc	gcaagtgtgt	cagcgactgt	tagctgaaac	ggagcgactg	60
gacgcgctgg	tcaatgcggc	gggaatttta	cgcatgggcg	cgaccgatca	gctcagtaaa	120
gaggactggc	agcagacttt	tgcggttaac	gtcggcggtg	cgtttaacct	gttccagcaa	180
accatgaacc	agtttcgccc	tcagcggggc	ggggcgattg	tactgtggc	gtccgacgcc	240
gcgcacacgc	cgcgtattgg	catgagtgt	tatggcgcat	cgaaagcggc	gctgaaaagc	300
ctggcggtga	gcgtcgggct	ggaactggcg	ggtagcggcg	tgcgctgtaa	tgtggtttcg	360
cctggctcca	ccgacaccga	tatgcaacgc	acgctgtggg	tgagcgatga	cgccgaagaa	420
cagcgtattc	gcggctttg					439

<210> 2776
 <211> 174
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(176)
 <223> similar to gi882545 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2776
 gcgctatatc aaagaactgg cgacccatca cgtcggcggt tatctgaaga ttgccccgga 60
 acataccgaa gaagggccgt tatcgaagat gatgaagccg ggcatgggca gctatgaccg 120
 ctttaaagac ctgttcgata ctgtctcaaa ccaggcaggt aaagcgcagt atct 174

<210> 2777
 <211> 331
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(330)
 <223> similar to gil203799 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2777
 gacaaaaagt ggaagagtat tatgcgagc acctgagtat ctgcaaaaat atccgcagcc 60
 acaatcccta caggaattaa gtcgtcatga ctgtctggtg accaaagagc gcgatatgac 120
 ccattggaata tgggagttgg ggaacggtca ggagaaaaaa tcggtgaagg taagcgggca 180
 tctttcctcc aatagcggag agattgtgct gcaatgggag ctggagggca aagggtattat 240
 gctgcgttcc gagtgggatg tgttgccgtt tctggagagt ggcaaaactgg tgcaagtatt 300
 gccagagtat gcacaaagcg ccaatatctg t 331

<210> 2778
 <211> 337
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(326)

<223> similar to gil46715 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2778

ccgcgcgatg	ccgactgggt	cgattactcc	acggttaccg	ccctaaaaat	gacagcatta	60
cgaatggcgt	ggaaagggtt	cgcgcaacgt	gatgatgagc	agatggccgc	gtttcgccag	120
tttgttgcag	agcagggcga	cagcctgttt	tggcaggcag	cctttgatgc	gctacatgcc	180
cagcaagtga	aagaggacga	aatgcgctgg	ggctggcctg	catggccaga	gatgtatcag	240
aacgtggatt	caccagaagt	gcgtcagttc	tgcgaagaac	atcgtgatga	cgtcgatttt	300
tatctctggt	tgcagtggct	ggcttccacg	ccagttt			337

<210> 2779

<211> 245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(224)

<223> similar to gil651603 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2779

gcggtgctaa	cttcggctat	gacaacctgg	ttgtcgatat	gctgggcttc	agcattatga	60
agaaagtgtc	tggtaactcg	ccggtgattt	tcgacgtgac	ccacgcactg	caatgccgcg	120
atccgttttg	cgcagcttcc	ggtggtcgtc	gtgctcaggt	ggctgagctg	gctcgaccgc	180
gtatggcgta	taggtcggtc	gcgccagttt	attccgcgca	tcggatgtcg	ggtcggacga	240
tgaat						245

<210> 2780

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(365)

<223> similar to gil45474 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2780
aacgtgcgcg ttttaaaactg ccagcgtggc cgaccaccac gattggttcc ttcccgc aaa 60
ccacggaaat tcgtaccctg cgtctggatt tcaaaaaggg caatctcgac gccaaacaact 120
accgcacggg cattgcggaa catatcaagc aggccattgt tgagcaggaa cgtttgggac 180
tgatgtgct ggtacatggc gaggccgagc gtaatgacat ggtggaatac tttggcgagc 240
acctcgacgg atttgtcttt acgcaaaacg gttgggtaca gagctacggg ttccgctgcg 300
tgaagccacc gattgtcatt ggtgacatta accgcccgcc accgattacc gtggagtggg 360
cg 362

<210> 2781
<211> 495
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(497)
<223> similar to gil790450 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2781
ggaagatgtg attcttaatc gtcgcgacga tggcaccgag cgtttactgg agcttgccga 60
gaaatatcgc ggcagcaaaa ccgacgacac cgccaacgcc cagcaggcgg agtggcgctc 120
gtgggaagtg aataaacgtc tggaatactc gctgggtcaaa ggcattaccg agtttatcga 180
gcaggatacc gaagaagccc gccagcaggc tacgcgcccc attgaagtga ttgaaggccc 240
gttgatggac ggcataaatg tggtcggcga cctgtttggc gaaggga aaa tgttctgcc 300
acaggtggtc aaatcggcgc gcgtcatgaa acaggcggtg gcctacctcg aaccgtttat 360
tgaagccagc aaagagcagg gcaaaaccaa cggcaagatg gtgatcgccc ccgtgaaggg 420
cgacgtccac gacatcggtg aaaatatcgt tgggtgtggtg ctgcaatgta acaactccga 480
aattgtcgat atcgg 495

<210> 2782
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(301)
<223> similar to gil786574 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

Run with FASTXY 3.3t00, default parameters

<400> 2784
acgagattca ctgtccgtac gccgtacatc ggccatactg ctaaaacccg ggtgctaccc 60
atcttaataca gtcttgccgc taagttccgc gctcaataac ttccttgaac cgttactgcg 120
caaagagaat ctgcggatca tcctgaccgg agccggaacg tcggcattta tcggtgacat 180
catcgcgccg tggctcgcca gccataccgg taaaaacttc agcgccgtac cgaccaccga 240
tctggtcacc aatccgatgg actacctgaa cccagctcat ccgctgctgt tgatctcctt 300
cggtcgatcc ggcaacagcc cggaaaagcgt cgcagccgtg gaactggcaa atcaatttgt 360
accggaatgc tatcacctgc cgatcacctg caacgaagcg ggcgctcttt accaaaacgc 420
gatcaacagc gataacgcgt ttggccg 447

<210> 2785
<211> 307
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(310)
<223> similar to gil45300 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2785
ataaacacgg cctgaaactg tatgttcagc gtgtgttcat catggacgac gcagaacagt 60
tcatgccgaa ctatctgcgc ttctgtcgctg gtctgattga ctccagcgat ctgccgctga 120
acgtttcccg tgaaatcctc caggacagca cggtaacgcg taacctgcgc aatgcgctga 180
ccaagcgtgt gctgcaaatg ctggaaaaac tggcgaaaga cgacgcggaa aaataaccaga 240
ccttctggca acagtttggc ctggtactga aagaaggtcc ggcggaagat ttcgctaacc 300
aggaagc 307

<210> 2786
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(455)
<223> similar to gi41638 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

actttcccag	gccagagact	ggctgagctg	gctggaaagt	atgccaaagcg	agctgcaaca	180
ggtgaatgat	ggcgtggaac	gccagggtgaa	tattgtcatc	aacaacctgc	tctacaaccc	240
ccaggccgctc	gcccagttgc	tggcgtggct	gaatgagcgt	tacccttta	cccagtttca	300
catctcccga	caaactctata	tgggcgtctg	ggactcgcta	ttgtacgaag	gtttttcgct	360
ggctatcggc	gtcacgggaa	ctgaggcgct	ggcaaatacc	tttagtcttg	atcctctaga	420
gtcg						424

```

<210> 2789
<211> 715
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(717)
<223> similar to gil736452 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2789						
aaactatcag	gtttcttcgc	aacgctttcc	ttttaccatt	aacgttaatg	gtccgggggc	60
tacggcgctg	gcatggcact	atcttccaac	acaattaccg	ctggcgggtgc	tgctaagttt	120
actggtgggc	tacatcgctt	ggctggcgac	cgcttaccga	atgagctttt	cccgcgaaat	180
caatctgggc	ctggcgcaac	atgagttcga	attgttctgt	cagcctttgc	ttaatgcgcg	240
cagccagcaa	tgtattggtg	tagagatttt	gctgcgctgg	aacaatccgc	gtcagggctg	300
gatttcaccg	gatgtgttta	ttcctatcgc	ggaagaacat	catttaattg	tgccactgac	360
ccgctatgtg	atggcagaaa	ccattcgtca	gcgccatggt	ttcccgatga	gtagtcagtt	420
tcatgttggc	attaacgtcg	caccagcca	ttttcgccgt	ggtgtgctga	taaaagatct	480
caatcagtac	tggtttagcg	ctcaccgat	tcagcaactg	atcctcgaaa	tcaccgaacg	540
cgatgcctta	ctggatgttg	attatcgat	tgcccgcgag	ctgcatcgta	aaaacgtcaa	600
actggcgatt	gatgacttcg	gcaccggcaa	cagctcgttt	tcctggcttg	aaacattacg	660
tcctgacgtg	ctgaaaattg	ataagtcatt	taccgcagct	ataggttctg	acgcg	715

```

<210> 2790
<211> 304
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(294)
<223> similar to gi4062338 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2790
gctgcaaact gaaattggca gcatgggtcta tgcggtgaaa ccaggcgatg gttctgcgcg      60
tgaacaggcg gcgagctgcc agcgtgtgat tggcgggtctg gcgaatattg ccgaggagta      120
cgcgactaaa cgctatcggt ctaacgtcat caactggggg atgttaccgc tgcaaattggc      180
ggaagtacca acctttgaag tgggggatta catttacatc cttggcttta aagcggctaa      240
gtatagtccg ggcacggcgt ttacagtcta tgcgatctcc gggtagcgac ctccaatctg      300
ataa                                          304

```

```

<210> 2791
<211> 217
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (19)...(218)
<223> similar to gi216462 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2791
tcgagctctg gacccggaga tcagcaacac cgcttgcggg aagtgatgtt ttatctcaac      60
ttgtcggagc aggaaaaaga tgcgttttgt gaacgcttcg gcgttcgctt gctgacgtct      120
tatgggatga cggaaaccat tgtgggcatt atcggcgatc gtcctggcga taaacgacgc      180
tggccgtcga ttggtcgggt ggggttttgc tacgaag                                217

```

```

<210> 2792
<211> 530
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(531)
<223> similar to gi4902925 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2792
caatatatgc gtagcgaaga ggagatgtgt gagctgtttg ccgacatccc cgaagccctt      60
gccaacaccg ttgagatcgc caaacgctgt aacgtaaccg tgcgtcttgg tgaatacttc      120
ctgccgcagt tcccgaaccg ggacatgagc accgaagatt atctggtcaa gcgtgcaaaa      180
gagggccttg aagagcgtct ggccttttta ttccctgatg aggaagaacg tcttaagcgc      240
cgcccggaat atgacgaacg tctggagact gaacttcagg ttatcaacca gatgggcttc      300
ccgggctact tcctcatcgt tatggaattt atccagtggg cgaaagataa cggcgtaccg      360

```

gtagggccag	gccgtggctc	cggtgcgggg	tcaactggtg	cctacgcgct	gaaaatcacc	420
gacctcgatc	cgctggaatt	tgacctgctg	ttcgaacggt	tccttaaccc	ggaacgtgtc	480
tccatgcctg	acttcgacgt	tgacttctgt	atggagaaac	gcgttcaggt		530

<210> 2793

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(350)

<223> similar to gil46824 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2793

gttgggcatt	cagatgcgat	gattggcact	gccgtgtgca	atgcccgttg	ctgggagcag	60
ctacgggaaa	atgcctatct	gatgggccag	atggtcgatg	ccgataccgc	ctatataacc	120
agccgtggcc	tgcgacacatt	aggtgtgcgt	ttgcgtcaac	atcatgaaag	cagtctgaaa	180
gtggctgaat	ggctggcaga	acatccgcaa	gttgcgcgag	ttaaccaccc	tgctctgcct	240
ggcagtaaa	gtcacgaatt	ctggaaacga	gactttacag	gcagcagcgg	gctatatttcc	300
tttgtgctta	agaaaaaact	caataatgaa	gagctggcga	actatctgg		349

<210> 2794

<211> 348

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(349)

<223> similar to gil46119 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2794

gggatggtgg	gtctgcaaac	cgcgcatcgt	tacggtaacg	caacgctgct	ggcgtctgac	60
atggtgtttg	gtatcggtaa	ccgttttgct	aaccgtcata	ccggctcggt	agagaaatac	120
accgaagggc	gcaaaatcgt	tcatattgat	attgagccga	cgcaaattgg	tcgcgtgctg	180
tgtccggatc	tcggtattgt	ctctgatgct	aaagcggcgc	tgacactgct	ggttgaagtg	240
gcgcaggaga	tgcaaaaagc	gggtcgtctg	ccgtgtcgta	aagaatgggt	cgccgactgc	300
cagcagcgta	aacgcacttt	gctgcgcaaa	acccacttcg	acaacgtg		348

<210> 2795
 <211> 560
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(532)
 <223> similar to gil805568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2795
 gcagactgtt ctgccaacca cgacgctgcg cgaagtgaaa gaactgaccg agcgtaacgg 60
 ttttgcgggc tatccgggtcg ttaccgaaga aaacgaactg gtgggtatta tcaccgggtcg 120
 tgacgtgctg tttgttacccg acctgaacca gccggttagc gtttacatga cgccgaaaga 180
 gcgtctggtc accgtgcgtg aaggtgaagc ccgtgaagtg gtgctggcaa aaatgcacga 240
 aaaacgcgtt gaaaaagcgc tgggtggttg tgacgaattc cacctgatcg gcatgatcac 300
 cgtgaaagac ttccagaaaag cggaacgtaa accgaacgcc tgtaaagacg agcaaggccg 360
 tctgcgtgtt ggtgcagcgg ttggcgagcagg tgcgggtaac gaagagcgtg ttgacgcgct 420
 ggttgccgca ggcgttgacg ttctgctgat cgactcctcc cacgggtctt cacaagggtg 480
 tttgcatggt atccgtcagg gccgtgccag tcatcccgat gtacgggtac cgacaacgaa 540
 tcagtgttca gtgctgacct 560

<210> 2796
 <211> 486
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(488)
 <223> similar to gi41645 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2796
 gggacaaacc agcgtgctgg aagccatcta tacgctcggc catggtcggg cgtttcgcag 60
 tttgcagatt ggtcgcgtca ttgccatga gcaggaggcg tttgttctcc acgggcgatt 120
 acagggcgaa gagcgcgaga cagcgattgg cttaaccaa gacaaacagg gcgacagcaa 180
 agtccgcatac gacggtacag acgggcataa ggtcgcggaa ctggcgacac tgatgccaat 240
 gcagttgata acgccagaag ggtttacttt actcaacggc ggccccaaat acagaagagc 300
 attcctcgac tggggatgct ttcaaacga acccgatttt ttaccgcct ggagcaatct 360
 caagcgattg ctcaagcagc gcaatgcggc gctgcgccag gtgacacgtt acgaacagct 420
 acgcccgtgg gataaagagc tgatcccgtc ggcggagcaa atcagcacct ggcgcgcgga 480
 gtatag 486

<210> 2797
 <211> 254
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(257)
 <223> similar to gi440403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2797
 tcgagatcga cacggctgac ggattgatta tgggtggactg ctccattgcc ttgaaagcgg 60
 aagatacgtt ggcattactg cgtaaaagcc tgggggtcgtt accggttgta ccattgagca 120
 tggaaaaccc gattgaactg acgctgaccg aatgggttcg ctccggtagt gcggcacagg 180
 gcttccagct gcttgatgaa gccgagctga aatcggttgc ggaagatggc ggcgtgatcc 240
 gcgcgaagaa acaa 254

<210> 2798
 <211> 358
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(361)
 <223> similar to gi41934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2798
 atgctgccga tccagaagct gctgcctgtg tcttccgcag tggatttgaa atcgtcatgt 60
 gcgggtttga tgtaaccaat caggcaatat taactcctga ctatctctct acactgccgc 120
 agttaaaccc tacgggaaa atgcttcacg ccctgtttag ccactaccgt agcggcagta 180
 tgcaaagcgg cttgcgaatg cacgatctct gcgccatcgc ctggctgggtg cgcccggacc 240
 tgttactctt caaacctgt tttgtggcag tggaaactca gggcgaattt acctcaggca 300
 cgactatggc tgatatcgac gggtgcctgg gcaagccagc caatgtacag gtggcatt 358

<210> 2799

<211> 485
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(488)
 <223> similar to gil742453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2799
 ccccttataa cgatgaactg gcaatgggat tgcagcagaa aatcggttaag aacggtattg 60
 cgcggtgcaaa ctatgtttac cgtgaagcgc atgatcaaat cagcaaaagc agtcgtaccg 120
 acagcgcgac taaaaccacc attactgaat ataacaacga tggcaaaacc aaaacgcatt 180
 cgttcagcct cagttttgaa ctggccgaac ccctgcataat ccgccaggta gatattaacc 240
 cacaaattgt ctttagctat atcaagagca agggcaactt gccgttaaac aatggttatg 300
 aggagagcaa taccggtgat aaccagggtg tttataacgg caatctggtc tcttacgata 360
 gcgctccagg ggcagatddd aataacccat taaagatctc cttaaaccatg gatttcacgc 420
 atcaaccgag cgggttagtg tgggcgaata cgctggcctg gcaagaagcg cgtaaagctc 480
 gcatt 485

<210> 2800
 <211> 344
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(345)
 <223> similar to gil789805 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2800
 actctagagg atctgctgat ggcggttagat ggagagcaac atcttcagca acaggtatcg 60
 gaaaaagtat tagccgataa tgtgttaatt gcccctggtt ctgttaaacc tgatgcgaca 120
 ttctggctcg ccttaatcca ggatcgctat aacgtgatga cctgtattga aaaagacgcc 180
 tgcgtcctgg tcgagcaaga tctgaatagt gatggtcagg cggagcggat cctgtttgct 240
 tttaatgatg acagagtcac tgtctatggc tttgactcag acagaaaaga atgggacgcg 300
 cttgatatga gtttacttcc gaacgaaata acgaaagaaa aatt 344

<210> 2801
 <211> 408
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(411)

<223> similar to gil799797 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2801

atttcctggt	agcggtc	aaa	accacatttt	tgctcccgat	tctttccgcc	atTTTTgtca	60
tgctggcgat	gtactacgtc	atcacc	ccct	ttgggtggctg	gatcaacggc	ggtatccgta	120
ctgtgctgac	tgccgcaggt	gagaagggcg	cgctgatgta	cgcaatggg	atcgccgcgg		180
cgacagcaat	cgaccttgg	ggcccgatca	acaaagccgc	aggTTTTgtt	gccttcagct		240
ttaccactga	ccacgtatta	ccggtcaccg	ctcgttctat	cgctatcggt	attccgccga		300
ttgggtctggg	gctggcgacc	attatcgacc	gtcgTTtaac	cggcaaacgc	ctgttcaacg		360
ctcaacttta	tccgcagggt	aagaccgcca	tgttcctggc	gtttatgg			408

<210> 2802

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (68)...(410)

<223> similar to gi4902923 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2802

actgtccgta	cccgtacatc	gtcaagactg	ggagcacc	cg	ggggatgcc	aactcagtcg	60
gcttgctgaa	cacatcaaag	ctgaagtgc	gccagacctt	tcagttcatt	tgctggatgg		120
gatgggccgt	gaggcgatgg	tcgccagcga	tgcggcgcta	ctggcgtcgg	gtacggcagc		180
cctggagtgt	atgctggcga	aatgcccgat	ggtgggtggga	tatcgcatga	agccttttac		240
cttctggttg	gcgaagcggc	tggtgaaaac	tgattatgtc	tcgctgcaa	atctgctggc		300
gggcagagag	ttagtcaaag	aattattgca	ggaagagtgt	gagccgcaaa	aactggctgc		360
ggcgctgtta	ccgctgttgg	cgaacgggaa	aaccagccac	gcgatgcc			408

<210> 2803

<211> 379

<212> DNA

<213> Homo sapiens

<220>

00400205-0100

<221> misc_feature
 <222> (3)...(382)
 <223> similar to gil736747 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2803
 ttcgcatacct cggcattggc ccgtgggaaa gacgcctgcg caccctcatc gaacaatatc 60
 aactggaaga tgtggtggag atgccgggct ttaaaccgag ccatgaagtg aaagcgatgc 120
 tcgacgacgc ggatgtcttc ctggtgccat cggttacagg tgcggatggt gatatggaag 180
 gtattccggt ggcgctaata gaagcgatgg cggtcggtat tccggtggtt tctactctgc 240
 atagtgaat accggaactg gtggaggctg acaaaccgg ctggctggtg cctgagaacg 300
 atgctcgcgc cctggcccaa cgactggcgg cgtttagcca attggacccc gacgaattgg 360
 ctctgttctt caagcgcgc 379

<210> 2804
 <211> 339
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(341)
 <223> similar to gi42996 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2804
 ccggtcaatt gtggttgggc gtaagcgtga gcgtgtgcat gagctggcaa actggctgcg 60
 cgaagcgggc atcaacaact gctatctcga aggtgagatg gtacagggca agcgtaacga 120
 agcgatcaag cgtttgaccg aaggtcgcgt aaacgtactg gtcgcaaccg atgttgccgc 180
 gcgcggtatc gacattcctg acgtcagcca cgtctttaac ttcgatatgc cgcgcagtgg 240
 cgatacttat ttgcaccgta tcggacgtac cgcgcgcgcc ggtcgtaaag gcaccgcaat 300
 ttcgctggtg gaagcccatg accatctgct ggtggggtaa 339

<210> 2805
 <211> 571
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(573)
 <223> similar to gil651260 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0048325-012100

```

<400> 2805
cggccctata gttgaaatta gcggggcgga cccgcgtttc gaaccactga acgcgacggc    60
aatcaggat  taccagcgcg acggtaaaaag ctacaaaatc gtgcaggatc cgtctcgatt    120
tagccaggcg ggactggcgg caatctatga tgccgaaccc ggcagtaacc tgacggcctc    180
tggcgaagca ttcgatccga cacagctgac ggcagcccat ccaacgcttc cgatccccag    240
ctacgccaga atcactaacc tggctaacgg gcgaatgatc gtggtgcgca ttaatgatcg    300
cggcccttac ggcaacgacc gcgttatttc actttctcgc gcggcagctg accgtcttaa    360
cacgtcaaac aacaccaaag ttcgtatcga tccgattatt gttgcccagg atggttcgct    420
ttctggtcct ggtatggctt gtaccacagt cgccaaacag acttacgccc tgctgcacc    480
tcccgattta agcggtggcg cggaacaag ttcagtgtct ggcccgcagg gtgacattct    540
tccggtcagt aattcgacgc taaaaagcga a                                     571

```

```

<210> 2806
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(339)
<223> similar to gi4062802 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2806
cctgtggtag tgctgtcgag tatagcctat gttgccacct ttatgtgtct ggtgaaaagg    60
ttgcacctga tccagaacat ctcatgcgtt cgcgttactg cgcttttgtg atgcaagacg    120
cagattattt aataaagacc tggcatccct cttgtggagc agcggcgta cgtgccgaat    180
tgatggccgg atttgcgcat actgaatggt tgggattgac cgtatttgaa cattgttggc    240
aggacgccga caatatcgga tttgtcagtt ttgttgctcg atttaccgaa ggtggtaaaa    300
caggtgcaat aattgaacgt tcgcgatttt tgaaag                                     336

```

```

<210> 2807
<211> 530
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(532)
<223> similar to gil786484 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2807
tgccgggtcac cgatttgccg gtggaatgct cgacacctgg aacttgcagt ccttagggcc 60
gatgaccgcc atttcagcag ggaagattta cggcctttcc tggggaaacc aggccagctc 120
caccatcttc gacagcagcc agtcagccac gccagtgatc gcctttttac cggcggcggg 180
cgaagtacat ctcacccgtg atgggcggct actaagcggt cagaacttca ctatgggcaa 240
tcatgaagtg gatacccggt gtctaccgta cgggatttac gatgtggaag ttgaggtgat 300
cgtaaacgtt cgcgtgatca gcaaacgcac ccagcgggtc aataagctgt ttagccgggg 360
gcgcggcggt ggtgcaccac tggcgtggca ggtatggggc ggtagctttc atatggatcg 420
ctggtcggaa aacgggaaaa agacgcgacc agctaaagag agttggctag caggtgcctc 480
gacctccggc tcattgagta cgcttagctg ggcggcaacg ggatatggat 530

```

```

<210> 2808
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(330)
<223> similar to gi2588974 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2808
aaagacacaaa ctgcagcctt gagttcaggt agttatgtaa aatgtgatga gacgcaggag 60
tgatgtaatt actccagtgt gaatgcattt ccctctctgc ggttttactg ggtcaagtgc 120
accgctgcat taattaaaca aatgcgtaat taattacagc aaatccacaa caacaacaaa 180
atagtccttt gccagggccc catgtttcag ttctaaaata agacgttctc tgttgaatta 240
ggtggaaacg gccacagatt ctgacacgga gagccgcggt ctgcgggaat accactctgt 300
cgggggtgcaa gtggaagatg agaagcggta actcagcccc tcctgacact gtgtg 355

```

```

<210> 2809
<211> 723
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(725)
<223> similar to gi42431 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<220>
 <221> misc_feature
 <222> (65)...(623)
 <223> similar to gi5305333 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2811
 agagtcaaat agcagatgca ggaagatgcc aggtgaaaga tgccgggggtg gcccagctcg 60
 gctgtccctg ctgcttgacc tgcccactcg ccctcttccc ccccccgac aggtgattga 120
 cttcggatcc gccagcattt tcagcgaggt gcgctacgtg aaggagccat acatccagtc 180
 gcgcttctac cggggccctg agatcctgct ggggctgccc ttctgcgaga aggtggacgt 240
 gtgggtccctg ggctgcgtca tggatgagct gcacctgggc tggcctctct accccggcaa 300
 caacgagtac gaccaggtgc gctacatctg cgaaaccag ggctgcccc agccacacct 360
 gttgcacgcc gcctgcaagg cccaccactt cttcaagcgc aacccccacc ctgacgctgc 420
 caaccctgg cagctcaagt cctcggtga ctacctggcc gagacgaagg tgcgccatt 480
 ggagcgccgc aagtatatgc tcaagtcgtt ggaccagatt gagacagtga atggtggcag 540
 tgtggccagt cggctaacct tcctgaccg ggaggcgctg gcggagcacg ccgacctcaa 600
 gagcatggtg gagctgataa gcgcctgctc 630

<210> 2812
 <211> 849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (286)...(607)
 <223> similar to gi469478 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2812
 tgtgtctttt gttgggatac tccacagcgg ccgctgcaga gtgaaggcgc tgcagcgctg 60
 gtcaccaagg ggtgccagcg attggcagcc cagggcgcac ggctgaggc ccccaaacgg 120
 aaatgggccg aggatggtgg ggatgccctt tcaccagca aacggccctg ggccaggcaa 180
 gagaaccagg aggcagagcg ggagggtggc atgagctgca gctgcagcag tggcagtgg 240
 gaggccagtg ctgggctgat ggaggaggcg ctgccctctg cgcccagcgc cctggccctg 300
 gactatatcg tgccctgcat gcggtactac ggcatctgcg tcaaggacag ctctctgggg 360
 gcagcactgg gcggtcgctg gctggccgag gtggaggccc tcaaacgggg tgggcgcctg 420
 cgagacgggc agctagttag ccagaggcg atcccgccg gcagcatccg tggggaccag 480
 attgcctggg tgggaaggcca tgaaccaggc tgtcgaagca ttggtgccct catggccat 540
 gtggacgccg tcatccgcc ctgcgcaggc cggctgggca gctatgtcat caacgggcgc 600
 accaaggtaa ggctaggtgg gggcctcttt ggaggggcct tgcagcacc tggtttgag 660
 cattcagtgc tctgagcaca gtgggtttgg agacaggcct ctgggaggtc acagaagggt 720
 taagcagttc agtggagtgg gtatgcttac ttgtggggac ttgggggggt ctttatcctc 780
 cctacgggcc ttaatgtgtg cacctgataa gctaggagtt tgtcctggag ccaacgagat 840
 cgtcgaacc 849

<210> 2813
 <211> 916
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (38)...(762)
 <223> similar to gi467292 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2813
 gggttcgacga tttcgtcctg gaaaaactgt ggggtggtgaa cagagagaa acgcatccatc 60
 atctggagaa aaactaaaat acaaccagca aggggaagta caacaacttc accagaatctt 120
 gcaccggctc cagattctat gcaactcagc tgaaaatgag ctctgatatg aacgagggca 180
 gaacttggac ttaaagcaac ataatagctt acttcaggaa gaaaacatta agataaagat 240
 tgaactaaag catgcccaac agaagttatt agacagcaca aagatgtgct ctctactcac 300
 ggcagagtac aagcactgtc agcagaaaaat caagggaactg gagttggaag tacttaaaaca 360
 cactcagagc attaaatcac agaacaacct acagggaag ctggttcagg agaaatctaa 420
 agttgctgat gcagaggaaa agattttgga cctgcagcgg aaattagaac atgctcataa 480
 agtctgtctc acagacactt gtatttcaga gaagcagcag cttagaggaaa agataaaaga 540
 agcaacacaa aatgaagcta aagtaaagca acaatatcaa gaagaacaac agaagaggaa 600
 acttctatat cagaacgtag atgagttaca caggcaagtg agaaccttac aagataaaga 660
 aaatctactg gaaatgacct gttctcagca acaatccaga attcagcaac aagaggccct 720
 acttaaaaca ctggaaaatg aaaaaagaaa atatgatgag gtaagaaagt aaatagacat 780
 gcttctcagt tttcctattc ccattagtaa cagctaatta ttattgagtg cctagcactt 840
 tactaaacct aatcctttag tcagggttca gtcaggaaag tagaatctac tctaggtatt 900
 tcaagcaaga agagaa 916

<210> 2814
 <211> 385
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (215)...(387)
 <223> similar to gi804996 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2814
 caacagtcta aagctaaaac tcttttagtag atataagcaa agagaaaaaa gggccagaat 60

ggataggaag	ggactcccaa	aatctgagca	taccaccccc	ttaaggataa	atgttgctag	120
acacccataa	ttgagggttag	aaagaggaaa	gaaggaaaag	ttagtgggct	atagagggga	180
aggatgtgat	gtgagcagat	gggtctcact	cattctgctc	tgtgcagagt	acctgaacta	240
tgaggatggg	aaattctcta	acagccgcgg	tgtgggagtg	tctgaggaca	tgggccacga	300
cacggggatg	cctgctgaca	tctggcgctt	ctatctgctg	tacattcggc	ctgagggcca	360
ggacagtgct	ttctcctgga	cggac				385

<210> 2815
 <211> 1362
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (24)...(1362)
 <223> similar to gi2094864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09487528450
097270"0100

<400> 2815						
cggacgcgtg	ggcggacgcg	tgggttccag	aagtgccttg	tggtatccag	gtgtgccttg	60
aaggggagat	ttctcgccag	tccatcttga	acagtctgtc	tcgaggcaag	aaggcttcag	120
gggacctgat	tccatggaca	gtgtcagaac	agttccaaga	tccagacttt	ggtggtctgt	180
ctggtggaag	ggtcggtcgc	attgctgttc	acccagatta	tcaagggatg	ggctatggca	240
gccgtgctct	gcagctgctg	cagatgtact	atgaaggcag	gtttccttgt	ctggaggaaa	300
aggtccttga	gacaccacag	gaaattcaca	ccgtaagcag	cgaggctgtc	agcttggttg	360
aagaggtcat	cactcccccg	aaggacctgc	ctcctttact	cctcaaattg	aatgagaggc	420
ctgccgaacg	cctggattac	ctgggtgttt	cctatggctt	gacccccagg	ctcctcaagt	480
tctggaaacg	agctggattt	gttcctgttt	atctgagaca	gaccccgaa	gacctgaccg	540
gagagcactc	gtgcatcatg	ctgaagacgc	tactgatga	ggatgaggct	gaccagggag	600
gctggcttgc	agccttcttg	aaagatttcc	gacggcggtt	cctagccttg	ctctcctacc	660
aggtcagtac	cttctctcct	tccctggctc	tgaacatcat	tcacaacagg	aacatgggga	720
agccagccca	gcctgccctg	agccgggagg	agctggaagc	actcttctc	ccctatgacc	780
tgaagcggct	ggagatgtat	tcacggaata	tgggtggacta	tcacctcatc	atggacatga	840
tcccggccat	ctctcgcatc	tatttctctga	accagctggg	ggacctggcc	ctgtctgcgg	900
ctcagtcggc	tcttctcttg	gggattggcc	tgagcataa	gtctgtggac	cagctggaaa	960
aggagattga	gctgccctcg	ggccagttga	tgggactttt	caaccggatc	atccgcaaag	1020
ttgtgaagct	atttaatgaa	gttcaggaaa	aggccattga	ggagcagatg	gtggcagcga	1080
aggatgtggt	catggagccc	acgatgaaga	ccctcagtga	cgacctagat	gaagcagcaa	1140
aggaatttca	ggagaaacac	aagaaggaa	tagggaagct	gaagagcatg	gacctctctg	1200
aatacataat	ccgtggggac	gatgaagagt	ggaatgaagt	tttgaacaaa	gctgggcccga	1260
acgcctcgat	catcagcctg	aaaagtgaca	agaaaaggaa	gttagaggcc	aaacaagaac	1320
ccaaacagag	caagaagttg	aagaacagag	agacaaagaa	ca		1362

<210> 2816
 <211> 624
 <212> DNA

aaatagtggc	tggttgcaa	ttttattaga	taagttggtt	acagcatttt	aattatcatt	360
ttacgtctat	ctaggtgtag	ctgaaattca	aaatgcacat	caaagtaaaa	ctatatcaca	420
actcaatgcc	atactaaatg	tacttggcct	ctgcaataga	attctagtca	gacttcattt	480
tttactccct	tcttatgacc	caagtggcct	taacaggaat	gcaggactta	gtgctgatca	540
tcacacaaca	taccactttc	tttttagaac	ctctacaaaa	ttttgagggg	agatggtggc	600
attagccctg	tggaaacagat	cttgatcacc	tcaataacac	tggcccatta	tctgtccctg	660
cctgaaccca	ttggtgaaat	agtacaaggg	tgcacaagcc	cttcaactgat	tacatggcaa	720
gtgttacagt	agccttagcc	attagggaaag	ggggaggtta	catcataggt	acaaaataca	780
gtataaaaagc	gttattttaac	cattccacac	tggaggggtta	ctctgatggc	cttccaaacc	840
cagtcggttt	ggatggttag	cccacttaaa	ccaaatacat	cacttaaggt	aaacaatata	900
aacataccaa	aaaccctgta	tggttaaata	caattttccat	ggtacaaaaa	tcaaagcctg	960
gagatgtttt	tacagattgc	tttttacaca	atgtcttaaa	ttgccaaata	tttacaacat	1020
taaagaggaa	atacattgtg	atgcagagta	aaattctgaa	atgattatta	taaaacctca	1080
atctatctac	gtgaggcact	cctgaagcaa	gtggcattag	ccatgaggtc	ctttggtaca	1140
aggcccatg	cttgaagaac	cacagtagct	gctgtggcct	tagcatgctt	cttattaggg	1200
ctggcaaagc	tgggctggta	agcgcttcca	tttatcaata	cctattcaag	aaaaacatac	1260
aattgggctg	gtaagcgctt	ccatttatca	ataccctaaa	gagaaaatgt	ttgcgatgat	1320
cagggccact	atcatggacc	aatagaaatt	caggtggttg	ccaccttctt	ttattacaga	1380
tctccatcaa	agcagacaca	ggatgtttgc	ctgacagatc	tttcattgca	gcagagaagt	1440
tcccagacct	cttttgtgct	ctttctccta	ctgcaacaag	accttttcgg	tctgtcttaa	1500
aatcaactag	gatgggttcc	ttattgcctt	ctttgttttt	tcctaactct	tctccttctc	1560
tccagcccat	ttttctcatc	aaaacggctc	ccattcctcc	agttaccggg	gctgctctta	1620
agaactgate	ctttttaatc	caggcttggt	caccagtatt	ggccaactgt	tcttgtgtca	1680
aaacctgtac	tcctgtactt	cctgtgaact	ggccaggaat	agagttcagc	tgagcccagg	1740
catcaatcct	ttcctgagct	ctattttaaca	tgctcatggc	ttcaagatca	aatgcattct	1800
cactgagtct	tttctgagca	agtgcccggt	cactcattgc	tgtagagatg	tccacaggct	1860
ctgagggcaa	attgctgctg	aaaacattat	catcatcttt	gttttcttca	ccatttttct	1920
ccacaggaac	ccattctcca	taaacactat	ccgcttcttt	tttccgatgt	tgagatccag	1980
atgatacagg	gaattctttt	gttaatgtta	cctggctttt	tgggtggagt	ggttttgctg	2040
cagcaatatt	cagattgaaa	aaaatatggt	tgggttcact	gagtttaaag	ggatgatgat	2100
aaaaaggagg	tcttctcttc	tcttcatccg	aaacatgagg	tttattcact	attacatcat	2160
catcttcttt	actctgtgcg	atctgtttac	atttctcagt	tagttcttct	atagtagctc	2220
ctcctgactt	tttagcaact	ttctcttcta	tagtaggtgg	aggtgcaggc	tttaggtttg	2280
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<210> 2820

<211> 2295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2285)...(1610)

<223> similar to gi505098 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2820

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cagcaatatt aaagaggaga aaacaaact atattacagc tagttaatca gtttaagaat 300
acaacatcag tgcaataaat tcacaaaact atattacagc tagttaatca gtttaagaat 360
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<210> 2821

<211> 4028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2616)

<223> similar to gi200009 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2821

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<210> 2822
 <211> 2331
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2164)...(864)
 <223> similar to gi4884550 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 2823
<211> 559
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(299)
<223> similar to gil938404 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 2824
<211> 850
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(851)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (708)...(194)
<223> similar to gi4558760 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<210> 2826

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(448)

<223> similar to gil490330 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2826

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caaaagaaaa ggatttgttg ccttctcccg ctgggcctgt tccttcaaaa gatccaaaaa 180
cagagcatgg ctctcggaag aggactatta gtcagtcttc ttctttaaag tcaagcagta 240
acagcaacaa ggagacgagt ggcagcagca aaaacagttc ctccacatca aagcagaaga 300
agaccgaagg gaagacttcc agtagctcca aggagggtta ggtaaaggct ccaagtagct 360
cctctaactg tcctccatct gcaccaactc ttgattcttc taagcctcgg agaacaaagc 420
ttgtctttga tgacagaaat tattcagcag accattattt acaagaagca aaaaagctaa 480
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tggtatcttt cattgaatg

```

<210> 2827
 <211> 2285
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(798)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2827

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ggtaaggcct	tcagcatagg	ctccaacctg	aatgtgcaca	ggcggatcca	caccggggag	180
aagccctacg	aatgccttgt	ctgcggggaa	gccttcagcg	accactcatc	cctcaggagc	240
cacgtgaaaa	ctcacggggg	agagaagctc	tttgtgtcat	ccgtgtggaa	aaggctccag	300
tgagcgcgcc	tgcttttagag	acacaggatg	attcagaccg	gaaacagacc	tcgtgggtgt	360
aagaggaagc	ctctgtgagc	tcgcacctta	ctgggtgcaa	agaatccac	ggaacttggg	420
agaagtccag	ttcctgtaaa	aactgggaag	acgaggcggt	ctcatcccat	aggagggttg	480
tgagaactca	cgccgggggt	gaaaatgtac	gtctgtagca	tgagagaagc	ttcagggtac	540
attcagctct	taacaaacac	aggaggactt	aatggcagct	tggcatttaa	tgtcaaaatc	600
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gaacgtggaa	ggtcatgaat	gggcccga	ccacggccag	ctgcttgtct	ttgtatggct	840
tgccagctaa	caatagtggg	tccatcttta	aggaagaaga	atgtttgatg	gagaaaattt	900
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aaaaa						2285

004375-0100

<210> 2828
 <211> 3874
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3876)...(796)
 <223> similar to gi3327170 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2828
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 ccacagagtg ctttcttata atgtgatata attaggatca ctgacttttt ttcttaaaaa 660
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<210> 2829
 <211> 3050
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1766)
 <223> similar to gi6014457 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2829	
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gcagctgcgg	ccccctcccc gggaaacccg tgtactcaac cccgtcccca gtggaaaaca 180
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cggtggaggg	ctgcgagctg atctgcctgc cccaggcttt cgacctgttc ctgaagcact 300
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acctaacaaa	ccttgatgta	ccagtccaat	accatgtagc	gctgagtgat	aaagttaaaa	3000
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<210> 2830

<211> 1316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1302)...(1012)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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agatggtggg ggctgtctgt cggtggagat ggtgggggct gtctgtcggg gtagatgggtg 180
ggggctgtct gtcgggtggag atggtggggg ctgtctgtcg gtggagatgg tgggggctgt 240
ctgtcgggtg agaagggtga agcttggtact cagagcaggg gatatttaga cttgaagggg 300
ccaggagga aggtactggt tctactaagc cccatgttca ctgggcagcc actaagttag 360
ggaccgtgtg tgtaccgagt ggattccgac aaagaagctg tctcaggagc cccagccagc 420
tgcagagggg ggcccaagct ccaaggctgg gtgtcagggt tggcagggtg tggctccgct 480
aggggcccga ggctgcgctg ggcgggactg ggctgggctg gtacctgtgc ccggtgtcag 540
gccagctgta gttgcagcgg tcagctgccg ctctctggcc ccatgcgaac tgcgtgtcca 600
ggtgcaccct ggggggaccag gctgcctggg cttcctggaa ctggtgaagc tgccgccact 660
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ttgaaccggg gaggcggaag ttgcagtga cccagatcga gacattgcc tccagcctgg 960
gcaacaagag caaaactcca tctcaaaaaa aagaaaaaag tgccgagtgg agtcgtcacg 1020
cccgtaatcc tagcactttg ggaggcagag gtgggcgcat cacctgaggt cgggagttcg 1080
agaccagcct gaccaacatg gagaaacccc atctctacta aaaacacaaa aattagccgg 1140
gcgtgtgcat gcctgtaatc ccacctactc aggaggctga gggaggagaa tcgcttgaaa 1200
ccgggagccg gaggttgtag tgagccgaga tcgtgccatt gcaactccagc ctgggcaaca 1260
agagcaaaaa ctccatctca aaaaaaaaaa ggagagagag aaaccgggac cgcaag 1316

```

```

<210> 2831
<211> 1296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (89)...(1232)
<223> similar to gil78997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2831
aattcccaga caacgacagc tgatcaacta cttgaatttt ttaaacaagt tggagaagtg 60
aagtttgtgc ggatggcagg tgatgagact cagccaactc ggtttgcttt tgtggaattt 120
gcagacaaaa attctgtacc aagggccctt gcttttaatg gagttatggt tggagacagg 180
ccactgaaaa taaatcactc caacaatgca atagtaaaac cccctgagat gacacctcag 240
gctgcagcta aggagttaga agaagtaatg aagcgagtac gagaagctca gtcatttatc 300
tcagcagcta ttgaaccagg gtggctgcac tcaacgagtt tatgcaatga ctttcttggg 360
tgtttctgaa ggaggaggat gtacagagag tagggccctt gcactatatg tgggtacattc 420
cacttgtgcc tgattattaa ctgggatctt taattgttct gagcttacac tgcaaagtga 480
tttttctctc ccagagtctg gaaagagcaa tgaaagaaaa ggcggtcgat ctcgttccca 540
tactcgctca aaatccaggt ctagctcaaa atccattctc agaaggaaaa gatcacaatc 600

```

```

aaaacacagg agtagatccc ataatagatc acgttcaaga cagaaagaca gacgtagatc 660
taagagccca cataaaaaac gctctaaatc aagggagaga cggaagtcaa ggagtcgttc 720
gcattcacgg gacaagagaa aagacactcg agaaaagatc aaggaaaagg aaagagtga 780
agagaaagac agggaaaagg agagagagag ggaaaaggaa cgtgaaaaag aaaaggaaacg 840
gggtaaaaac aaagaccggg acaagggaac ggaaaaggac cgggaaaaag acaaggaaaa 900
ggacagagag agagaacggg aaaaagagca tgagaaggat cgagacaaag agaaggaaaa 960
ggaacaggac aaagaaaagg aacgagaaaa agacagatcc aaagagatag atgaaaaaag 1020
aaagaaggat aaaaaatcca gaacaccacc caggagttac aatgcatcgc gaagatctcg 1080
tagttccagc agggaaaggc gtaggaggag gagcaggagt tcttccagat cgccaagaac 1140
atcaaaaacc ataaaaagga aatcttctag atctccgtcc cccaggagca gaaataagaa 1200
ggataaaaag agagaaaaag aaagggaacca catcagtga agaagagaga gagaacgttc 1260
aacgtctatg agaaagagtt ctaatgatag agatgg 1296

```

```

<210> 2832
<211> 1205
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (393)...(6)
<223> similar to gi3859492 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2832
agctactgca gagtaagaac atgtcctcat ctcgagcagg ctaaacaatgg ccacatcagc 60
gtggtctacc cgggaaatgt tatataagac atcatgatcg ggtgcctgtg atgaagggtta 120
cagactacaa ggcagtagat aagcttactt gtcaaggaaa cagccagcgg tatgggccag 180
aaccgccgtg tgtggagcgc cactgttcca cctttcagat gcccaaagat gtcacatcat 240
ccccccacaa ctgtggcaag cagcctgcc aatttgggac gatctgctat gtaagttgcc 300
gccaaagggt cattttatct ggagtcaaag aaatgctgag atgtaccact tctggaaaat 360
ggaatgtcgg agttcaggca gctgtgtgta aagacgtgga ggctcctcaa atcaactgtc 420
ctaaggacat agaggctaag actctggaac agcaagattc tgccaatgtt acctgggcag 480
attccaacag ctaaagacaa ctctggtgaa aagggtgtcag tccacgttca tccagctttc 540
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tccggcaacc aggccagctg cattttccat atcaagggtta ttgatgcaga accacctgtc 660
atagactggt gcagatctcc acctcccgtc cagggtctcg agaagggtaca tgccgcaagc 720
tgggatgagc ctcaattctc agacaactca ggggctgaat tggtcattac cagaagtcac 780
acacaaggag accttttccc tcaaggggag actatagtac agtatacagc cactgacccc 840
tcaggcaata acaggacatg tgatatccat attgtcataa aaggttctcc ctgtgaaatt 900
ccattcacac ctgtaaatgg ggattttata tgcactccag ataatactgg agtcaactgt 960
acattaactt gcttgagggg ctatgatttc acagaagggt ctactgacaa gtattattgt 1020
gcttatgaag atggcgctcg gaaaccaaca tataccactg aatggccaga ctgtgccaaa 1080
aaacgttttg caaacacagg gttcaagtcc tttgagatgt tctacaaagc agctcgttgt 1140
gatgacacag atctgatgaa gaagttttct gaagcatttg agacgaccct ggggaaaaat 1200
ggtcc 1205

```


<210> 2833
 <211> 4650
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (4651)...(1400)
 <223> similar to gi2058326 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2833
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 tataaaacaa tagcaattaa aaacttcatt tctgaaagta aaatatattac atatgaacaa 120
 gtaaaactgtg caaaattttac atgaaaaaat gggaaaggac caggggtttc cctaaaaggc 180
 caaaataaaa aggtgtaacc agttcctcag gtgttgataa aaaataactga tccagcgttc 240
 cagttcacac gcggctcgga ttttaaggctct aatgtgagaa ttcacacgga gaaagccaga 300
 gtatttacag tcataaaagt actatcaata gacaatttca tacaataacc tctgaaaata 360
 gaaagaacca attagtatat ttgtaataaa aaaataggta caaagaaggg gctttgctct 420
 ggacgtctgt aaagtcggcc caaggcttgc atacagtctc ttagcaaaat aattatagtt 480
 tacatagcca tttctatgtc atgtgccaaa agttatgtac aattactgac aaaatacacc 540
 aaccattttt caacacttga ttcacaccga gaaacagtct tttgatgatt cttctcaact 600
 ttgattttat ttaatctagg ttttcacttt tagctaaaaa acacagtgc aagtaaaatat 660
 atttatgctg aaaagggttt catctctttt aactttacag ctttacaac tatagcaa 720
 aaaatgcatt tgtacagatg ctgaccacac attcagaagg agccaccttt gctgggctcg 780
 gcctctacca agcagaaatg cgattacact ctgaggtggg ggtgcaacga tgaattgtgt 840
 attcctccag gattctcagc ggagtgagg ggaagggagg ggaggggagg gcagggggca 900
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 tgctttgccc aactgactat tacaaaaata aaataaacga aatgaggtca tcggctgtag 1020
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cgcagtgggtg gcctgcgagg tgggcggtgg cggctgctgc tggctctgct ggatgaaggc 2640
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<210> 2834

<211> 1700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1391)...(859)

<223> similar to gi4456991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2834

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gtgtacaaat	agggtatggg	tcacagagat	cccatgcttc	acaaggtaat	aagatatcac	180
aaggtaaattg	gaggcagggc	gagatcacag	gaccacagga	ctgggggtgaa	attaaaattg	240
ctaatagaagt	ttcgggcatg	cattgtcatt	gataacatct	tatcaggaga	cagggtttga	300
gagcagacaa	ctggctctgac	caaaaatttat	taggcaggaa	tttcctcgtc	ctaataagcc	360
tgggagcact	ctgggaaact	ggggcttatt	tcatccccac	agctgcgacc	ataaaagaca	420
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gaaatatggc	tctgttccgt	ccagctcacc	ggcagtcaga	gtttaagggt	atctctcttg	600
ttccgtgaac	atcatctgta	tccgtgttct	ttttcaaggt	gcccagattt	catattgttc	660
aaacacaaat	gctctacaat	ttgtgcagtt	aacacaatca	tcacagggtc	ctgaggcgac	720
atacatcctc	ctcagtttac	gaagatgacg	ggattaaagag	attaaagtaa	agacaggcat	780
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ctccctttct	ttttataata	aatgtgccat	ggcaatgaag	gcttgttcgt	tctcttgatt	960
ttgacgcagg	attctttgac	tagtctggca	aactaaaaac	aagccgatta	aacagagaaa	1020
cataattcca	aaatttacta	cagtggagcc	cccaatagac	ttaatccaag	tcttgggggt	1080
taatccagaa	agattttctg	ccacctgatc	taacgcctca	gctccaggca	caatggataa	1140
gtgagcttga	gaggcttcaa	aaatttgtct	ctttaattta	gttatgtcca	gtgataaatt	1200
atcttcccta	cccagaagat	gtcttttgac	catttcccat	gaatgatcag	tctcgttata	1260
ggaatacggg	gtgatgcaga	aatctcaagt	gttccaatcg	tactgcattt	gcatgtgatg	1320
ctcgagactc	actacctgat	ctccaagcca	aataacagac	tgtcttaaat	cattaatttg	1380
attagcttgt	gtccatccct	taagggcact	gagtttccct	gggctgcggg	taggtccaga	1440
gattctgtcc	aggagccagg	gcctggagtt	ggaaacctta	ggaataatcc	tggtgctctg	1500
ttttactgtg	gctgagcttg	caccacaagt	acaagacagc	atccttccca	ttcttccctc	1560
ccctttttcc	agggcagatg	attctttccg	tgttccacca	ctaccacagg	cccacaagga	1620
gttctgtcag	ggtaccacaa	atattttact	aaggcccaag	ggctcttcag	tcagcttgtg	1680
ttgaatactg	ccaggcctgg					1700

```
<210> 2835
<211> 2265
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2266)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (2265)...(312)
<223> similar to gi3135968 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2835						
tttttttttca	tgatatacaa	atattatattt	attagatgcc	aaaactttta	ttaacatcac		60
tttattttcta	tttgcagctt	ttaattatatt	aacattttata	acatttttact	gtgtctcctc		120
tgggtgacta	aatatcttca	catgcccaact	agctaaaaaag	aattttctaag	tagaactcaa		180

ctgaaactgc	aagctactgc	tctaagaaat	gcatacttat	gtttatttgc	tctcctatat	240
aatcctgttt	acaaatagca	taactgcaaa	gatttatatg	taattttcta	atccttcagg	300
ttgctctacc	attcatcttc	ttatgtctgg	caagataaac	actcttagtg	aacactttgc	360
tgcattctct	aaatgagatt	tgtctccagt	ttattttcta	tagaataagg	gatgcacttg	420
gaactgaaaa	attccttcaa	tttctaaagt	ttccacattc	atacaacttt	tctcctgtag	480
gagtttgag	gagattccta	ttgcctatag	tctttcccac	atttgctaca	tgtacacaga	540
tttttcctag	tgtgagtata	cttaggtcaa	ttaagggatt	aatactgaca	aaggctttcc	600
cacatttatt	gacttcatat	gatttctcta	cagtataaac	tctaataaaa	aaatctgcat	660
cattgctaaa	agtctcccat	gttcaccacc	ttcatacaac	ttttcccag	tatacatttt	720
tctgatgtta	aataagggag	gatctatgaa	tgaagtttac	cgtgataaac	actgcttctc	780
ttctgtaaga	tttctcacat	gtatagggat	tcatatgatc	taaaggcttt	tccacactta	840
ccacactatt	gggtttctct	ccattatgta	ctctttgatg	ggcagtaaga	ttcgagcctt	900
tgctaaaagc	tttcccacac	tactacatt	tatatggctt	ttctccagta	tgaattctct	960
gatgtacagt	aaggtttgaa	ctacagctga	aggctttccc	acatttaata	cattcgtaag	1020
gtttctctcc	agtgtaata	ctgtgatgtt	gaagcaggga	cgacctatga	ctaaaggctt	1080
tcccacatat	actgcattcg	tagggtttca	atctaattgt	attttccaa	tgcataattca	1140
gtgattcaag	ctgggtgaag	gattttcctgc	atttctaaac	ttcaaacggt	ttttcttcag	1200
tatgaatact	ctgatgttga	acaagaaatg	agaagctact	aaagcccttg	agacatttgt	1260
tgcattcata	ttttttcttc	atactgtgaa	ttctttgatg	ttgagtaagg	tgtgagctac	1320
agcagaaaag	tttcccacat	tctctacatt	cataaggctt	ctctccagta	tggcttttct	1380
gatggtgaat	gagagacgaa	ctatgaatga	aggcctttcc	acatatacga	cactcatagc	1440
gtttttcttg	cgtatgaatt	cttagatgct	gaatgagaag	ggacacacga	ctaaaagact	1500
ttccacagtt	catacattca	tacggtttct	ctcccggtg	agtgtcttga	tggttagtaa	1560
gtgatgagcc	atggctaaag	gccttcccac	attcaatgca	tttgtaagg	ttctctccac	1620
tatggcttat	ctgatgtcgt	gtaagggatg	aaccatggct	aaaagtcttc	ccacattcac	1680
gacattcata	gggcttctct	cctgtatgaa	ttctccagtg	gcgactgagg	attgactggt	1740
tgccaaaggc	tttcccacat	tactgcatg	tatagatttt	ctctctatta	caagtctggg	1800
gaagggttaag	agatttgctc	tggttgaagg	ctgccccact	tttattagaa	tttaaaagtt	1860
tctttccacc	atttattctc	tactttttta	taactgactt	ttttgataaa	ttcttcttta	1920
atatatcata	tttgtgtgaa	ttcccttcag	cagaattggt	ttgtggttca	gaaagagtag	1980
actttgaatg	aaagtgctt	ctaaatgtgt	cgtattctgt	atatttccaaa	ttcttattag	2040
aatttgaaaa	ttcataactt	tgttttacaa	ctttttccat	tgttactggg	tgggggtgaa	2100
tcttcatcat	aaatatcctt	ctttgttgat	aattccttgt	tttcccatct	tgattcccaa	2160
tcttttgaca	gttttttctc	catcatccag	ggctcttttc	catcctcnaa	taacatgatc	2220
acatatggct	tagttacggg	aaagacctac	aggagaccag	gttct		2265

```
<210> 2836
<211> 2486
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2487)...(1429)
<223> similar to gil91175 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2836
 tttttttttt ttaaacaaaa cttttattggt aatagttttc aaatatgttt acaacagcac 60
 actgttcaag aggaagtctc gtccttcgca gcacacaggt tqaatcqccc ccgcacccac 120

ccggggcccc	accccaggcc	tgagaactcc	tcttgggatg	gggagaagtt	atgagagggg	180
gaaatacggg	gatgaatggg	gtggctcccc	agcggctccc	cacttttcta	ttacgagaga	240
aaaaagcaca	aatgagaaag	tgggggagag	gtgatggaca	gctgacagct	aagctggagg	300
aggggcgccc	aggatggggg	aggcggaaagc	tgggtgggtga	gtaaaacagg	cagcccctcc	360
ccagcagctc	tagccttgaa	ccccggggccg	tggcttgggg	ggacttggcc	tcttctgttc	420
ccttttgtag	ggatgccctc	cccactcagc	tgagggaagg	ctggacgtta	aaatctagcg	480
gagaataaaa	ttaaggagtt	ggggggaaac	gctgctggga	ggaaaagactt	gggcttgggg	540
ctccccctct	gtcttttttg	gggatgactc	ctctttggca	gggagagggg	cagctgcttt	600
gtctggcttt	caaagcccaa	gggtgaagac	aggtctgttg	gggaaaaaga	gagcggaggc	660
ttcctaaagg	ggcctagacc	ctcgcaggat	tggcagagag	gattccccgg	ggagggggccc	720
aggggagatt	agcagcgggg	aggttcaaac	cccagcgctt	ccctttccaa	agtcagtctg	780
cttctcttta	aaatggattt	gaggaatggg	gggacatggg	aggggtggga	gtagaggaag	840
gagggagggg	ggcactgggt	gaacttaaat	aagattttaa	attgttgttt	ttttaaaaaa	900
attctagcaa	gcaacccact	gaacatgtca	ctaaaaatct	ctccttccca	ggcaggatta	960
ctccgaaagg	aagggtggcg	cttcgttcat	ttgcccttag	caagtggggc	ctgtggttgg	1020
gtgggatggg	ggtgtgggtg	ggggctggag	ttaagcgtga	gccccctttt	ccataacctg	1080
tccctggata	caccagcaag	acctgggtctg	actggagtgt	agaaaactcgt	ttaaaaacagg	1140
cagaagtggg	ctgggagggc	tgaggggctg	gggggctgtg	gggaaaagaga	aagggaaaag	1200
tgggagaggg	ggcaggaggg	tgaaggggat	gagggggagc	agctggtgtt	tctgtccctc	1260
tgattatctg	ggcttcctgc	tccccctacc	cctggagggt	gggggtggggg	tgaaattaga	1320
tgcaaggaac	tctggggccc	tctggctgtt	caatccaacc	ctcccacccc	cccgaccaa	1380
aaaaagaaaa	aagaaaaaag	aaaacccatg	ggggcacagg	catgccccta	aaactcagaa	1440
aactccttgc	ccaaacttct	cattgatgga	aaaccgggat	ttcttcttcc	tcatagtcgt	1500
caaagttaac	tcgatatcccc	agggccttta	aactttggta	tgaagggagc	ttccaccttc	1560
ctctggtaga	tggcaatcca	gtcagttgtg	gcaaaccact	tgtggttctt	gatatacggtg	1620
accccatctt	tgaggttccc	aaagcgcttg	gtgagatcta	cctgcaggag	gttccgcagc	1680
aggtccttca	agtcagagct	gaagtgggaa	gggaagcgca	ccttcccaga	gacgatcttc	1740
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ataagaacct	ccaggggcca	ccagtccacg	gccttggttg	agcctttgct	caggataatc	1860
tcagggggcca	ggtactcagg	ggtgccgcac	aagggtccaag	tgcggccctt	cacgcgcttg	1920
gcgaaaccga	agtctgtcac	ctgaatgtag	cctgctggt	caatgagcag	attctccggc	1980
ttcaggtccc	tgtagatgag	atccagcgag	tgcagatact	caaaggtcag	gacgatctgg	2040
gccgcgtaga	aacgggcatg	gggctcactg	aaccttccga	tccgccgtag	gtgtgagaac	2100
atctccccgc	cgggcacgta	ctccatgacc	atgtataagt	ttgagttgtc	cttgaaggag	2160
aactcgagtt	tgacgaggaa	cggaaagttg	acagcttgca	ggatgcgctt	ttcattcagg	2220
gtgtgttcga	tctgtttcag	tttccccacc	ttctgttagt	cgaggatctt	catggcatag	2280
tggttcccg	tctccttgtg	tttcaccagc	atcacccgcc	cgaaggagcc	cgtgccgagg	2340
gtcttgattc	gttcaaactg	atccaagtgg	gctgtgttct	gagcgggact	ttcccatttt	2400
ttaagaaaat	cttctttggc	tttggtctaag	aattctttca	cgctctcctg	ctcgtctgcc	2460
ttcttggcgg	cggcggcggt	gccccat				2486

<210> 2837

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (712)...(668)

<223> similar to gi2723316 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2837
tttttaagat ttctcagcag tatgatttat tttatgttta gaaaagtttg aaggtgttgt      60
caaaatcatt gtcacatctt tcaggtttgt aaagtttcca gtattaattt tcttatgttt      120
agtaaagttt gagatttagt tacaagcatt gccacattct tcacatttgc agggtttctc      180
tcaaatatga attgtcttat gtggagtaag ggttgatgat aggttagctt tgccacattc      240
ttcacatttg tagggtttct ctccagtacg atttttctta tgtgcagtaa ggtttgagga      300
tgagttaaaa gctttgccac attcttcaca tttgtagagt ttctctccag tatgaattat      360
attatgtata gcaagggtgtg agaactgttt aaaagcttta ccacattctt tacatttgta      420
cagtttctct ccagtatgaa ttaccttatg ttttagtaagc gttgaggaca ggttaaaggc      480
cttgtcacat tcttcacatt tgtaggattt ctctcctgta tgaatttttt tatggtctgt      540
aagggttgaa gatcggttaa aaactttgcc acattcttca catttgtagc atttctctcc      600
agtgtgaatt atcttatatg tagaaagggt tgaagactgg ctaaaagctt tagcacattt      660
ttcacatttg gtagggttct ctctgtatg aattttctta tgtgtagtaa gttt          714

```

```

<210> 2838
<211> 354
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (355)...(134)
<223> similar to gi5069468 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2838
agtaaataata gctcttcata attttgttct gaagtttaaa aatatatata tttttgaatg      60
gataactttc tttttctaaa tgcttacagt agagcccacg atggttggtt aaagcccca      120
ggttcagcct tctttaattg tgtggtcagc ctgccatcaa cccaggggct cctctgctc      180
ggcactgtnc tgctctagtg aatacctttt ttattctggt gtgacctaat atggcgggta      240
aggcggtcac ttctcataga gcgttgtgaa cattctggac aaacaaattt cttctcacc      300
tgtatgcgct cttctgtgcc tctgtaattc atcacttcga gtaaattctt tacc          354

```

```

<210> 2839
<211> 378
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (2)...(294)
 <223> similar to gi3132823 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2839
 aagaaagcat aaaaaaggga cacttggaag aaattcaaaa gaaaagaacc tgctgagcag 60
 tcaaattcca gaaggccatt actggtgcat ctcttgctaa tatagtggcc aagaggaatg 120
 agaaacatga agttaaaaag gctcaatgaa aacaagctag cagggctgct aaggaagcaa 180
 aaaaggctaa gctagcatct gaaaagaccg caatggctgc tgctaaggca gcatctacac 240
 aaaagatggt gaagcctgtg aaagtgtcag ctccccgagg tggttcaaaa caccaagttg 300
 gcagatcaga ttcttaaaaga ttggactgta gaaaaatata aattatatta cctaacattt 360
 gaataacgta ttttagtt 378

<210> 2840
 <211> 308
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (10)...(277)
 <223> similar to gi2072966 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2840
 cacctattca cctataaagg aaattacatc agattaacag ctgacttctc agcagaaacc 60
 ttacagacca gaagaaaatg agatgatata ttgaatgtgc taaagaaaaa cattgccagc 120
 aagattaatc ttcataaagg aagacaaaat aaattctttc ccaaacaagc aaatattgag 180
 gggagtcatt gctattagac tggttttaca agaaatgctc aaggaggatcc taaacttgga 240
 agcaaaaagga caacattaac catcataaaa acacatgaca gtataaaaact cattggcaaa 300
 gtaatcac 308

<210> 2841
 <211> 1277
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1260)...(736)
 <223> similar to gi6007542 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2841
ttttttcaaa ccatcacttg tttataaaacg cgtttccgat ctgccatcgt aattccattt 60
tagtcatgca tcccagagatc attcaaacca caccgaagag agactggacg acagcactca 120
ctaggggtgct atttataaacc atacaatgca ggaggctagc tgcgtgtcga tctggggggac 180
agtttaataa actgccacac aacacagctg agctccacac agccacatga ggatgggggac 240
agccattcct tgggttttctg aataacgtat caagtgaagca gtgaatttca atcaagcttg 300
tacatcagga ccgtcttgcc aaaacaacag ttgcttttgg ctgctggaag ctgtagcttt 360
tcaaaacggt cacacatttc aatgtatcgt cgatgttttt aaatagactt acagggaggg 420
tggcacacag caaaggcccc caggccctcg tagcaccgca gtccaggtag gatgctgggc 480
ggcggggggg ggtggagggg gttctattta cagtgtctgg gctttgactc cactaactgt 540
tggttttggt ttctttctta aaccttttcc ttcaagtctg gaagcctgtg gagggcctgt 600
caccttaaa gcaaggattc cttgtttgca ccaggcagag aaatgtcaaa ccacgacccc 660
aggggctgca ctaggcgctg ggcacagaag ccccgccgca tccagccccg actctttcat 720
gcctctgccc ctgatgaggg gacccagggg accctcaagg ggacacagaa gggaggctgc 780
atcctagtcc agtgtcaaag tgaggggggg gctgcaggag cctggacagg accacctagc 840
ccagccaggg acaggagggg gagaccacct ggaacaaagg cacagaggct ggagagaagg 900
cggcatgttc ccagactgca tgggctcggg gtagggggat gcgagggtcag aactggcata 960
gtggccagga tctcgggctc tactccatgg gcagggggga agcccctggg gctgcatggg 1020
gccatggggg aggcggggcg aggagacacc ggctgctgtg ccaaaggccc cagtccagct 1080
gctcctctgc cagcagaagg cagaggacaa ggggctggcc cagggtggcct cgtgggacgg 1140
ggggaaagga gggaccagca aacccttctt gggatggctg aggacacagg ggactccagc 1200
agaaaggagg gcccctgggt gtgcaagacg ggacgctgac cagcctgggc cctcaccggc 1260
cactaccccc accacca 1277

```

```

<210> 2842
<211> 1322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1324)...(0)
<223> similar to gi804807 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2842
tttttttttt tgggtggggc acaaatggaa accatattaa cccctttatc attgtatagt 60
gactttattt gtctcatagt ttttgatca aaatcaatac tccttctctt tttcctgggt 120
tccattggca tgggaataact ctttccaact ctttactttc agcctatgtg tgtctttata 180
gtttaagtgt gtttcttgta ggcaacagat caatgggtct tgttttctcc attcattcag 240
ccagtctatg tcttttgatt ggagagttta gtccatattt ccattcaatg tattatcgat 300
aagtaaagac ttactcctgc cttgttattt atttgttttc tggttgtttt gtggtcttct 360
tctttctttt cttcctgtct tcctttaggg aaggtagttt gctctggtga tatgatttag 420
gtttttgctt tttatttttt atgtatccag tgtatgtttt taggtttgag gttaccataa 480
ggattacaaa tactattttg taaccatta ttttaacctg gtaacactgt ttgcattaac 540
aaacaaaaaa ctaataaaaa ctctacatct taacttcac cccccacttt ttaacttttt 600

```


gttgtttcta	attttatctt	atttttctga	ctggctctga	aaagttgtag	ttactatttt	660
tgattggttt	atcattttatt	ctttctactt	acacaccaca	gttacaatgt	tatcacactt	720
tgggtttttc	tgtgtactta	ctcttaacag	tgagtttttt	accttttagat	gattctttgt	780
tgctcattaa	tgtctgtttc	tttctgacca	aagtactccc	ttaagcgttt	cttatgggac	840
cagtctagtg	ttgatgaaat	ccctcagctt	ttgtttgtct	gggaagtctt	tgttttattct	900
tcatgtttga	aggatatctt	tgctggatat	actattctag	ggtaaaagg	tttttccctt	960
cagcacttta	acatatgtca	tgctcactct	tcctggcttg	taagggtttcc	actgaaaaat	1020
atactgccag	atgtattgga	gctccattgt	atgttatctg	tttcttttct	cttgctgctt	1080
ttaggatcct	ttctttaccc	ttgtcctgtg	ggagtttgat	tattaaatgc	cttgaggtaa	1140
tctttgggtt	aaattggcct	ggtgttctat	aaccttcttg	tacttgagata	taaataatctt	1200
tctgtaggtt	taggaagttc	tatgttatta	tccctttcaa	caaactttct	attcctatct	1260
ctttctctat	ctcttcttta	aggccaataa	ctcctagatt	tgcccttaag	aagttatttt	1320
ct						1322

```

<210> 2843
<211> 3506
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (3467)...(698)
<223> similar to gi5917666 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2843						
tcgcacacag	cacatgcaca	caggtgcaca	gaccacacag	cacacacaag	tgacacagagc	60
acactggaca	catgcacaca	cacacgcgtg	catgcacact	cctcgcactt	ccagccttgg	120
agcccttctg	tctctggact	ttctctttga	ccctgctgag	tgtaagctgc	ctggggaggg	180
gctacaagga	gtaattgtgg	cttttaggggt	cgtgggtgatg	ctggaatgtc	aagcgccgtc	240
gtggggatc	cgactgtccg	ggctcctggt	ccgcagtggc	agagcgccag	gcagagccca	300
atcagggctc	cgtgctgccc	ttcccccca	cagcctggca	gccatccaga	ggaggggctc	360
taccagatgc	caaggtgccc	cggtgtctgt	atgggtgtcc	ggttgggtcc	tgtgtttggt	420
ctgccctgga	ggtggctggg	ccctcctggg	atgggtggct	cagcctcgaa	tcccaggccc	480
cagcccaggc	agggtgctgct	gcctgttggt	gtttcctggc	ccagcttctc	cttctccctc	540
tgcataaaat	cacagtccgt	gagtcttcca	gctgccacca	cggctgggac	acgctggggg	600
agggtcctc	ccatgcctcc	tgacacacag	cgtctgagca	gggcagggtc	ccaacacccc	660
ccaccggagg	acacgctgcc	cctcagcgat	gcccctacct	tttggggggc	ctcgtctcaa	720
gccccccctt	ggaggctgaa	atcacccag	gcactgtgag	ggcttctcca	gggggcaccc	780
tttgagctgt	gggtctgac	accccaagtc	ccgcccggag	gagaggcaca	gccagggcgt	840
gtgggtttaat	gtttgcccc	ttcggggctg	gaggtctcag	tgtttctaga	ttccagaccc	900
tgctgccaga	gagacctgct	gccggagaga	aggggaggag	gactccagct	gggctcggtc	960
ccccacagtc	agggaccccc	ataaaggaca	cccccttctc	tctagaaaga	gctgggctct	1020
cagctatttc	tagttgcttc	ccagaagccg	aggagcagaa	ggagctgtga	gagctttgca	1080
gaaacgccct	tgtccccgcc	ctcctgagct	atgaatgccg	tacagagcag	aggctggggc	1140
attggcaaga	tcacaggttg	atgctgcaca	gccccattga	cacaaaccct	caaagcagac	1200
gtgagaggga	cggttcacaa	agcttgacc	tgccgtggag	ggtgcccggc	agacgtggcg	1260
tgagagggac	ggctcacgag	gcttgacct	gctgtggagg	gtgccagca	gacgtggtgt	1320
gagaggaacg	gctcacgaga	cttggaacct	gtggagggtg	cccagcagac	gtggtgtgag	1380
agggacggct	cacagggctt	ggaccggaga	gagatggctc	atgagacttg	gacctgccgt	1440

```

ggaggggtgcc cagcagacgt ggtatgagag ggatggctca cgaggcttgg acctgggtgga 1500
gggtgcccgg cagacgtgtg agagggaagg ttcacaaggc ttggacctgc catggagggt 1560
gccagcagga cgtggtgtga gagggacagc tcacgaggct tggacctgct gtggagggtg 1620
cccagcaggg ggctgagctc tgaggggtgg gtgctcagtg cacgggtgcc cccagtgtcc 1680
tctgatcctg tccggtgcct cccccaaccc ccacacccat gcagaactcc caggtcacat 1740
gcacgtatgt ccagggcatg ggggtggcgt gaagaggcct ggtcagggcc tttaggggct 1800
gcaggacgga atggccgcct ggggagcctg tgtggctgtg ccgggcagcc atcctgcatt 1860
cccacccagc gcgcagtctc cacctcggcc ccagcaaagc gctaagcagc cggagagaca 1920
gccaggcgcg cttcctgaag gatgtgggat ggtggactcc ggggtcgagg gaatacgag 1980
gttcctgtcc ctccgggaga cctagagaag ctgcacaccc aggagctttc catgacccgg 2040
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tgacggccga ccctgggagg aggtgacatc gccgggggag gttgtgggca acggtggagg 2160
aggagagacg ggaggggacc atttgggatg gaggggcctc ttcagagttt taaaaggcgt 2220
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gccatcgcca cacgccaaact ccgcctgggt tttacaaagt cgttgcccta atgcatgtgg 2460
acaggaaact cctgaggtcg ccccatgccc cctggctgtg ccaggtagcg acgccctgga 2520
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ggcaggaggg gtctcacgga ggggtctcgc actgaggcgc cccaaagctg gtggtcccgc 2640
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ccacgccatt gcagtcttcc atcctctggc cgtgacggtg gctgcagctt ccccatctgc 2760
gccgttgcc ctggtctgtc gcacttttgt tcatgtcca aagaacattt cataatgcct 2820
tcagtaccga cgtacacttc tgaccatttt gtatgtgtcc ttgtgccgta gtgaccag 2880
cctttttttg gtggatgtgt taccgccac acttcaatct caactttgtg caccgtccat 2940
tttctagga tagacgcca gggaatgaac tctagttttc taacagatta gctgagatat 3000
taacttactc acacggacag gttgatgcca gagccgtaag aatgcgccag tgcgggtttg 3060
cgggggactt cgggtgtggg gtccctkcgcc cgcgatggcc gtggaagggt ctggggatcc 3120
ctgctgccac ggggacgagt tcggacgcca ggtggacctg tgcactcagt aaaacgcagt 3180
gattcaacct ggacggtgtg tggcctcctc actcccactg tctctgggcg gccggtctga 3240
gggccgggga cttctgttcg atgctggggc tgagtcgggt gcggtgctgt ggaccgggtg 3300
tggggagcga tggctccctc cctcagggca cgaacgagct ggggtgttgt gaaacagtgg 3360
ggctgggggc cacagtgagt gagggagcag ggcggtggg tcctagggct ctggctggcc 3420
aggtgacgag cgccctgtag ggtgatattat acccccacac aggggtgcagg tgtccatcca 3480
cgttgccccc ttcctgccgt gatccc 3500

```

<210> 2844
 <211> 1476
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1429)...(254)
 <223> similar to gil88864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2844
tcacgtgtgc acagcttttt tacaggttac aaagtgtttc acatacatca tctcatcaat 60
tcctcacaac agccctgtga ggtaggcagg gcagggggta atgttcccat ttgtacagat 120

```



```

cggatgaaccc cattctccct gaagaagtgt gtgttgctac catcactgca gtgagaggct 900
cctacctgtg gctccagctg gaggggttcta agaagcctat acctgaatgt attgtgagtg 960
tggaatccat ggataatatt cctttgggct ggtgtgaaac caacggccac cccctcagca 1020
ctcctcgccg agcacgagta tataaacaga ggaaaattgc agtgggttcag ccagaaaaac 1080
aagtaccatc ctcgaggact gtccacgagg gcctgaggaa tcaggagctg aactccacag 1140
agtcagttat gattaatgga aaatatgtct gtccaaagat atacttcaac caccgttgct 1200
tctcagggcc atatcttaac aaaggaagaa ttgctgagct gcctcaatgt gtaggacctg 1260
ggaactgtgt tctggtcctt agagagggtcc tcactttact tatcaatgca gcctacaaac 1320
ccagccgtgt ccttcgggag ctccagctgg acaaagactc tgtgtggcac ggatgtgggg 1380
aagtcctaaa agccaaatat aaaggaaaaga gttatcgggc tactgttgag atagtgaaaa 1440
cagcagatcg ggtgactgaa ttctgccggc aaacctgtat caaacctgga atgcctgtcc 1500
taacctcttc ggtccacgga tgggttctgga taagtgttct gagaactgtt ctgtacttac 1560
aaagacccaa tacacacact attacggaaa gaagaaaaat aaaagaattg ggaggccacc 1620
tgggtgggca tagtaactta gcttggtgcc tgaaaaaagc cagtaagagg agaaaagggc 1680
ggaaaaatgt ttttgttcat aaggaagaaa cgctcctctg catctgttga taatacccca 1740
gcgggcttct tccccagggg aagtgggggt tgaaggatga gggatgaccc cagatgaagg 1800
ggatgattga ttccctaagt gaaggcagta catccgagca gcaggatgag ctacagggaag 1860
aatcagaaat gtcagaaaaa aagtcatgct cctcttctcc cacccaaagt gagatatcca 1920
catcgctgcc tccagataga caaaggagaa aaagggagct tcgcaccttt tcattttctg 1980
acgatgaaaa taaacctcct tcaccaaagg aaattgatgg gcaggccctg ttgctcctta 2040
cccttcccac tgttcaagaa tgcattggact taaaattggg ccttgccatc aaactttgcc 2100
atcacataga gaggatcaag tttgcttttt atgagcagtt tgccaactga gaaggacaac 2160
caaagtgagc tggatctttg aagcacaat gcagcaaatc cttcaccttg ctttataagt 2220
ggagctggaa tagtcctggg gctctggggc ctgcaggat cagcttgctc tctttgact 2280
ttcggggaag gaggactcac agtgagggaag caaaaactgt gcacagaagt ggatcacctg 2340
ctgggtgaaa tgtggacatc tcttggtcag cagatggcag tttttaaaaa ataaagggtg 2400
tgaggaaaag acttatataa gaagaaaagc atttccagtg gtgtggccct gaaaacaaag 2460
aataacctag gctgctgaa agcacccttt tggttggttt cattctgttc cctcccattg 2520
tagattgaac tttggttctc tgctttcttt ttcttgaaa gagaggactt agctttaagt 2580
cagcactgat ttgggactgt tcctaaggca tatcagtgtc tcattgtcat tgtgttttta 2640
aactttttta aattaaaaca gttcattttg gggatgatta tgtggctcta ggggtttgaa 2700
tgtatagtca cactttgatc attttaaaat cgattccttg gagttccttt gtttactacc 2760
tctgttgata attgagctta cagccatgta tgagggtttt tgtatgatgc catttttaag 2820
ctacataaac actaaaatta tgacagaaaa aaacaaaaaa aa 2862

```

<210> 2846
 <211> 919
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (920)...(50)
 <223> similar to gi4324434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2846
tttttttttt tttaacaaatc ctcatatcat ttattttacta gtgtgtttaa catatactag 60
atcgcgattt ttaatctctg agcctgtgtt ttgatcatct tcatccgact gctgctctga 120
gccttgatgaa ttaatgtatt catattcaat aggcttcgga taattatatg ggtagccatt 180

```

```

gtcatcaaaa aaccttcgga aggtaaattc atagaatgca tgttcaggat gctttccatt 240
tttataccat ccattgagag tgtcatttac attttcttcc tcgttatcat cactccataa 300
tttatcagga tcaacaagga tcaaaatttg atgtatctgt tggggtggtg tgatttttagg 360
ggaattgttt gaaagccgac ctgctgtctt caggtcactg ggagaagtca aattggtttt 420
aaaaaatggg atgagctttt atttcatcag caccattctt gcctaagcga tcttcggggtc 480
ctcggcaaaag ttttaataata agatcagaag cttcaggact gagtttagct tgtggtggaa 540
tgtgaagaga tgtttgccag ttgataacct tcatttgtgt ttctaattgt gtttgtgccca 600
agaaaggagg ttgtcccacc aacatttcaa aaagaataac accaactc caccaatcac 660
acaactgtgt gtatcctgtt cgtagcaaca cttcagggtc aatataattg ggagtcccaa 720
caaagaatg tgctagacat cgctggtgct ggcgtgcagc tctccgctct aatggcttca 780
gtctgtctcc acatcgacag cttgagggat cccccattc attactgaaa tccatgctat 840
cttgccgtgg atggtcacca ctctgatagt acttagaadc gtgtgtccat ctgaagccag 900
tgcagaggcc aaagtcagt
919

```

```

<210> 2847
<211> 1204
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1203)...(142)
<223> similar to gil017722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2847
tttttttttt ttgacttcaa acatcctgca acctttaata tatatcatgt tgtgtgagtt 60
ttaacacatt tgggcttgca tttgttctac aatgtgtaat atgaaaagtt tatcagcaca 120
actagactga attattcctc acataaatcc ttgggatgtg ttacagtttt gatccttggt 180
taataggctt caacatggca caaaatatac aaggatgttt acacattttg atgtctagt 240
agttgtgaga cctaaatgaa gcctctgcca cacagttagg gggatatagg atttctcttt 300
agcatggact ctgatgtcaa tgaatgcttg aacttgtgat gaagggtttg ctgtactccg 360
taagggattc tctcaaggaa tgaaattctc tgatgctgtg taggagtga tttgtgactgg 420
aaaaccttgg ccacatttat tatactggaa tggtttctct ctgatataaa ttctttgatg 480
actcacagga tttaaacttt gactgaagac cttgccatat taatttcttt tataagggttt 540
ctccttagta tggataattg gatgtctgaa gaggtttggg cgcacactaa aggacttccc 600
acaatcacta catttgtaag gtttctttcc agtatggatt atctgatgtc tagtgagggt 660
tgggcgacac cttaaaggatt tgccacactc attacatttg taaggttttt ctccagtatg 720
gatgacctga tgggtagtta ggcttgaatg cacactgaag cctttgccac attgattaca 780
tttgtaaggc ttctctccag tatggatgac ctgatgggta gtttaagttcg aatgcacact 840
aaaggctttc ccacactcat tacacttgta aggtttctct ccagtatgaa ctctccgatg 900
actcgcaagg tgtgaattgt aactgaaaac cttaccacat tcattgcatt tgtaagggttt 960
ctctccagta tgaattctcc aatgccttgc aaggcttgaa gtctgactga agactttacc 1020
acattcatta cacttgtagt gtttctcccc agtgtgaatt ctctgatgag ttgcaaggct 1080
tgaagtctga ctgaacacct tgccacattc attgcatttg taaggtttct tgccactatg 1140
aattacctga tggttggtaa gtgttgacct cacactaaag gctttgccac actctttaca 1200
tgtg
1204

```

<210> 2848
 <211> 1873
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1164)
 <223> similar to gi4263748 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2848

acggcacaac	ttgctatttt	tattagaggt	attgatgatg	aatataatgt	cactgaagaa	60
atcgaaatgt	caccatgcta	ttaaaagaca	caactaaatc	aagagattta	tatgaagcag	120
tgaaaaatat	gttaaagcaa	ttttctttgt	cctttgtaaa	catatgtgat	atagctacag	180
atgctgccct	ggcgatggta	ggtaaaagag	agggacttgt	acaattaata	gatgatgcag	240
ttgccacaca	aaactcacat	ttgatgaagt	attattgcat	aatacatcaa	gaaaatccat	300
gtgcacaagc	tttaaaagta	gataacgtca	tgcaaattgt	catcaaggct	gtaaatttca	360
caagggccca	ggaattgaat	catcgctagt	ttcaggaatt	ccttaaaagt	atggatgctg	420
actctagcaa	gtcattcact	ttttagaagt	aagatgggta	agtcaaggca	aaatgtaaag	480
attttatgct	ttgtgatgtg	aaatcaagct	gtttatggta	tcaaacaaaa	ttggtgccag	540
aacttgacaa	tgaaaactgg	cttacagatt	tagcattttt	agtgggtttg	acggcccat	600
taagtgaagt	aaacctgtgt	cttcaagttg	aaaaccaact	taacaataca	atgtttcaaa	660
ccataacagc	attccatatg	aaactgaaat	tatggcaagc	tcaaattaag	gcaaacaatt	720
ttatgcattt	cgacatgttg	gctaaacatg	gtcctgtgaa	cagccaaaaa	tacgcagcct	780
tgctttttcaa	tttgatacag	gaatttgaaa	acaggtattt	caagatttct	gaaaaaatca	840
tcaatatttt	gggtatattg	caactccatt	ttcagtcgac	atatatatgt	tacctggcaa	900
ttttgaaatg	gaatgcctag	agctgcaatc	tgatgttcaa	cttatagaaa	aatttgattt	960
tgctctttta	ctggactttt	gtaagacctg	tcttcccaat	gacaaatata	ccttgcttca	1020
caatcacacc	ttgttcatgt	cattgctttt	tggcagcact	tacatttgtg	agctactatt	1080
ttcaaggatg	aagaacacga	agagtataat	tagaaccaaa	atatctgatg	agcaccttga	1140
gaactcactg	agaattgcaa	ctacttccat	caagccagat	actgatggat	tagttttctca	1200
aaaacaatgt	caagtacccc	actagtttta	tgttggtctc	ttttctttta	taataaaaaa	1260
tatcaaaaaa	gtagtgaagt	ttagctagat	atgtacattt	tctgtatcag	tgattgcaaa	1320
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ttattatgca	aggacatttt	tgcttatctg	tgggtggtaga	tatataatga	aaactataca	1440
cagaccattt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtat	1500
tttatgtgtg	gcccacgaca	cttcttcttc	cactgtggcc	caggggaagcc	aaaagattgg	1560
acacctctgc	tttaattctt	atcaaaaatta	tggcaggttt	gtttgtagac	acttacaagc	1620
ttattctgaa	tttttatgga	aaggcaaggg	acaagaaaag	ctaaagccat	tctgaaaata	1680
taaatcaata	aagtggaaag	aattgcccta	tatgatgtta	agagttactg	tacagctact	1740
agagtcacca	cagtgtggta	ttagtggagg	agtaaacaat	aagaaataga	ttcacaaaat	1800
atactcagct	gagttttgac	aatatgccta	cctttccaaa	atggtgttgg	aacatttgga	1860
cagctcatag	ggg					1873

<210> 2849
 <211> 803
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (59)...(716)

<223> similar to gil504034 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2849

agcttggcga	cttggggggcc	agggggccctg	gggctgaagg	gtccagggct	gtgggcttct	60
gggggagcct	tcagagcttg	atcaaggaaa	gggattaggg	gtaggggatg	acaggggtct	120
gtggctggag	ggagctggga	tgcaggaaaat	ggcttttggg	tcgggtattc	agggcctcgc	180
ttcccctgag	tcattctttc	caccccctgg	ccgcacgtgg	acccaagggtg	aggaagtctg	240
ccctgagcca	ggctctcgag	gtcccggccc	tcgccccgcg	gcggggcctt	agtgtctctg	300
cccaccgaca	gctctgggtg	gatcgcccag	tggcgctgt	ccgtgttttg	gcgcccccta	360
gcagcggcgc	agttgcgcct	gtttcgatag	gcgagcggat	tggcgcccct	ggttgccgga	420
gcaatccctt	aggcctgggt	ccctgccgcc	tggagcctcg	gctcctcgca	gtcaggtggg	480
ttctgggggt	gccagcaggc	tctgagagtg	ccggccgcgg	ggccctcgca	gcttgccctgc	540
tgcagtcgga	gctggtaaac	tacgagcgcg	tgcgcgagta	ctgtctcaag	gtactggata	600
aacatcaggg	caacttcaag	gccacctacc	gtgccggcat	tgccttctac	cacctgggcg	660
actacgcacg	cgcgctgcgc	tacctgcagg	aggcccgcag	ccgggaaccc	acaggtgagt	720
ggcggagcgc	gccacacgag	agggtggggc	ccacggcggc	gaaaggggct	gcagcggaag	780
gaacacgccc	tatgattagg	gcc				803

<210> 2850

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(337)

<223> similar to gil82201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2850

ttttgcttgg	ctcttctcat	tctgaagtct	aaatcctact	cgctcttctc	ttcaaggcca	60
cgctctccat	taaaccctg	gtgatccct	accacaccac	aatagataac	cttacttgca	120
ctcatgaatc	ctactcccag	aactgcccc	taaccgaacc	gcacctatag	taccagtacc	180
ctgtgcaagc	tgactctggc	atctcaactg	actacagctc	aagggactcc	cagggagccc	240
caaggggctt	attcgatggg	ccctaattcc	accctatttg	aaacaagcct	aatccaaccc	300
gctaaccctt	tgccccaca	caatgtgcct	tgctctaaga	acaccagcct	gcaaata	357

<210> 2851
 <211> 867
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (868)...(461)
 <223> similar to gi558846 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2851
 ttttttttaa gtttatataa ctttattata agtattaatt tgtttgaatt aagtttatat 60
 aactttaata taagcattaa tttgtttgaa atataaagta ttataaaaata ttgtaattaa 120
 gcttacagat aatttttaaa atatatacat tatgactaat ataccaaaat tatttatatg 180
 tacacattta tatttaatac ccaaagaaaa ttactacca cattgctaca gtagatatta 240
 acctgacatg tttattaatt gatcctatag gtataaattat aggtcagcat aattttacag 300
 tctattcttt tattttacta aattaggaat gccactattc ccggacaaat aaatgcaggt 360
 gatgtggcca cccaagaatc atagtagctc ttcagttagc tatcttgcaa tctctgatat 420
 aattctacta tgtgaataga gtgaattcca attcttcatc aaaaagtgtc ggtggagggt 480
 gtcagggtgtg ttccagtata gattcccaat ccaacggccg gcagatggga gagcagcaga 540
 gatggaaatt gtgctcagaa taagccctct ttctcataat acttgatatt ctcagtctga 600
 gagtagctgt gcacttttgg tgtttagaga agaacttctt tggaagaata ttttctggtc 660
 aatttgacca atgttacatg taatctgaat tagtctgtaa gattctttca acctcttttc 720
 ttctctcaat acggttttac tcagactgag agctgtcttt ctcttcaatg ctttggggaat 780
 tcagtgtctt gtgtctaagc ccctattagt atcacatggt gtctgtgagt gagggggggt 840
 gtcaccgtga gaactcctgg agctgct 867

<210> 2852
 <211> 2367
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(2368)
 <223> similar to gi5419887 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2852
 gacaaaaact gaagcagaac caaccaaaga gagcacatgt agaagatgga ggttcaagat 60
 ctaacaagg aatgagcaa agtaagaaga caccaattga gaaatctgat tttgctgtg 120
 ctacacatcc tcgtgctttt tacctcagta aaccagatga aactccaaat gcttggtatg 180
 ctgattcagg aacaggattg acttactgga aactagagga aaaggatatg caccactctt 240
 tgcttgaac tttagagaag acgttcatat cattgtcttc cacagatgtg tcaccaaacc 300
 aggtcctgac tctagatcct acgttacaca tgaagccaaa gcagcagatt tcagggattc 360
 aacctcacgg ccttccgaat gcccttgatg acagaatatc cttttcccg gactctgttc 420

tagagcctag	tatgtctagt	ccctctgaca	tagactcatt	ttcacaagca	agtaatgtca	480
cttctcagtt	acctggattt	ccaaaatata	cctcacacac	aaaagcttct	ccggtgggact	540
cttggaaaaa	tcagacattc	caaaaagaaa	gtaggaccag	ttccacgttt	ccgtcagtat	600
ataccattac	tagtaatgat	atctcgttca	acactgtaga	tgaagaaaac	actgtcatgg	660
ttgcttcggc	ctcagtcagt	cagtcaccag	ttccaggtag	agccaacagt	gtcccagaat	720
gcatttcatt	gacttccttg	gaagatcctg	tgatattgtc	taagattagg	cagaatctga	780
aggaaaagca	tgctcgacac	atagcagatc	ttcgagctta	ttatgaatca	gaaataaata	840
gtttgaaaca	gaagctggag	gcaaaaagaaa	tctctggagt	tgaagattgg	aagataacca	900
atcaaattct	tgtagacaga	tgtggccaat	tagatagtgc	tttgcatgaa	gctactagtc	960
gcgtgagaac	acttgaaaaa	aagaataact	tactggaaat	tgaagtgaat	gatttgagag	1020
aacgcttcag	tgcagccagc	agtgtctcca	aaattttgca	ggaacgaatt	gaagaaatga	1080
gaacaagcag	taaaagaaaa	gacaatacca	tcattcgact	aaaatctaga	ctgcaagatt	1140
tagaagaagc	atttgagaat	gcttaccaaa	tttcagatga	taaagaagct	caactaaaac	1200
aagagaacaa	aatgtttcaa	gatcttttag	gagagtatga	gtcccttggg	aaagaacaca	1260
ggagagtaaa	ggatgcatta	aatacaactg	agaataaatt	gcttgatgca	tatactcaga	1320
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aaaatatgtt	aagccttcgt	cataattcta	gaattcacgt	gagaccctcg	cgtgccaaaca	1440
cactagcaac	ttcagacgtc	agcaggcgga	aatggctgat	tccagggtgca	gagtattcca	1500
tctttactgg	ccagcctctg	gacacccagg	acagtaacgt	ggataaccag	ctggaggaaa	1560
cctgtagcct	agggcaccgt	tcacctctgg	aaaaggattc	ttcacctgaa	gttcatcaac	1620
aagcttggtg	ataaaaaagc	aaagagagac	ttcagacacg	ccgatcatga	gagctttaa	1680
agaacttgat	gagggaaaaa	tatttaaaaa	ttgggggaca	cagacagaga	aagaggacac	1740
ctcaaatagt	ctgctgtagt	aaatcctcgg	caaactgaaa	cttcagttaa	tgcaagtcgt	1800
tctccagaaa	agtgtgcca	acagagacaa	aagagactta	attcggcctc	acagagatca	1860
tcatctttac	caccttcaaa	tcgtaaatca	agtactccaa	caaaaagaga	gattatgcta	1920
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tttagtcatc	tgcttagcaa	aaatgagagc	agtccaattc	gagaaaaaac	ttattctgag	2040
aaagccaccg	ataaccatgt	taatcatagc	tcttgccctg	aaccgggtgc	aaatggagtg	2100
aagaaagtat	ctgtgagaac	agcctgggag	aagaataaat	cagttagcta	tgaacagtgt	2160
aagccggttt	cagtcactcc	acaggggaat	gattttgaat	atacagcaaa	aattcggacc	2220
ctagctgaaa	cagaacgatt	ttttgatgaa	cttacaaaag	aaaaggacca	gattgaggca	2280
gcactaagca	ggatgccttc	tcttgaggga	cgaatcactt	tacagacaag	attaaatcag	2340
gtgaaatgtc	ttagcttgaa	tctgctt				2367

<210> 2853

<211> 2078

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(1056)

<223> similar to gi5262640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2853

gcggccgctg	caggacgcgg	ccgaagacct	caaggcgaag	ctgcgagaag	tactggagc	60
atctccggaa	gcagatgcag	gatgcgtttg	ctgttccaag	cccaggcgca	gtgagacctg	120
cgtcttggtg	cagaagatgg	tggagagcca	gcggcagaga	cgtgctgggt	gagttcgagc	180
gtcttcgccg	tttgctggca	gaggaggagc	agcagctgct	gcaggaggct	ggaggaggag	240

```

gagctggagg tgctgccccg gctgcgggaa gggcgcacac cctagggcca agcagagcgc 300
cccacctagc tgagctcatc gccgagctcg aagggccgct gccagctgcc tgcgctgggg 360
ctgctgcagg acatcaagga cgccctgcgc aggggccagg atgtgaagct gcagcccca 420
gaagttgtgc ctatggagct gaggaccgtg tgcagggtcc cgggactggg agagacactg 480
cggagggtttc gaggggacgt gaccttggac ccggacaccg ccaaccctga gctgatcctg 540
tctgaagaca ggcggagcgt gcagcggggg gacctacggc aggccctgcc ggacagccca 600
gagcgctttg accccggccc ctgctgtctg ggccaggagc gcttcacctc aggccgccac 660
tactgggagg tggagggttg ggaccgcacc agctggggcc tgggggtgtg caggggagaac 720
gtgaacagga aggagaagg cgagctgtcc gcgggcaacg gcttctggat cctgggtcttc 780
ctggggagct attacaattc ctcggaacgg gccttggctc cactccggga cccaccagg 840
cgcgtgggga tctttctgga ctacgaggct ggacatctct ctttctacag tgccaccgat 900
gggtcactgc tattcatctt tcccgagatc cccttctcgg ggacgtctgc gccctcttc 960
tcaccctgt ccagcagccc gacccgatg actatctgcc ggccgaaagg tgggtccggg 1020
gacaccctgg ctccccagtg actcggggcc tcttgaggga gtctgttgcc ctctcctgcc 1080
cctccaggcc actgagtgtt ttggccactt ggaggacctg ggaggaggga gtgtgtcctt 1140
tgagcaagag gaggaactcc tgggtgccttt ctgagcctgc gtggggagaac cccaattcta 1200
gcactccagg aaactgtggg agagtgtggg gcaggctccg tcctccctgg gagaccctc 1260
cagccaccgg gtgccactta atgccaacag cccttaccaa agctgggagc cccattgccc 1320
cggcagctct ggcctgtggg tccagaagct gagaaaactc cactggggct tgcagaatcc 1380
agggttcacc taagctgcac agttcctgca gctttgccag cccctgaaa gtcttgtgta 1440
ccccacctct gaagatgctg ggggaggcag ctgggatggg agccagcccc atgcctgtct 1500
gtgacccac agtgggtgag agcccgtcac agtcctgggt gtggctgctc tggagaatt 1560
aggaggcagc cataataaga gtcttcagag agatgatggg aggggcccagt gaggacagga 1620
acagagagta gatgtcctat aataaagggg cttctgggag gtgcctgggc acagatgtct 1680
gttcagcagg tgtgtgggcc tagaggagag agcagagccc agaaatgtct tttgcaggcc 1740
cacgttctga cttgaagctt tcgtgggcat gttgccattg ggttttgccc ttgcaaaggc 1800
ttcctaggct tccagtggcc cctcaggacc cagggtccca gctgctgctt ggggatgtgc 1860
actgctggcc gccggccttg cagtctctct accctgggga ggaacagtgg cttctcagag 1920
cctggggcat acagaagaag gcaggagtgt atttttgtgt tgggtttggg gtttctttgt 1980
cctcaaggta ctgttctgtt tctctttacc cctctgcttt atttattgta agcattccca 2040
cgttaaataa actttggctg ttgtctacaa aaaaaaaa 2078

```

```

<210> 2854
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (92)...(26)
<223> similar to gi433816 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2854
ggcacgagct accacaacag tccactaccg acgacgttta tcgtatctat agagggccat 60
acgcacctcg cctatggccg ctctactaac ccctactgac gacccatgca gaaatcctac 120
agtctcctac tcacgacgcc taccgttacc tattcatgac cactagcgca accatacagt 180
cccctaccca tgagccctgg cataacccta caatcccta ctcaccacac ctacgataaa 240
cctacagtcc cctaccatg acccctggag taaccctaca gtcccctagt cactacacct 300
agtgtaaacta accatacagt tccctatcca tgacctctgg cggaacccta cactccccta 360

```

ctcacaaccc ctagtgtaac cctacagtct cctacccatg acccctggg

409

<210> 2855

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (972)...(947)

<223> similar to gi4589592 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2855

ggcacgagcc	ataagaacag	gattacataa	taaagttatg	cttatctgat	gtgtactggg	60
atttaatat	cttgcttggtg	gtcagacata	tcttaagtgt	taaattgctt	agaatatattg	120
tgatttctgt	ataaggcatt	aaagaatagg	catcagggac	tagttagaat	ttgaacaaaa	180
tgtatttata	acacttttta	ttgttggaaa	ctcaactttt	attctgggtt	aagcctctag	240
ataaaatctt	aagtctgcc	aactattatt	ccccccacct	tttctttccc	caactatcaa	300
gaccattcta	ggaagtacgt	caactctacca	aaaatgattg	agttgtgttg	ggcctgggga	360
aaaagtcggg	caaaaggagc	ctttcttggtg	gctgctgata	gttaggttca	tccaccaccg	420
cactttgagc	tcgactagag	tcgccatggg	gtttcatctg	tctttgtggg	gccccacagg	480
tggctcacat	ggttccactt	tcaggctgtg	ccaatagggtg	gtacgcagat	tatttcgact	540
caggggcgtc	ggtgaggag	aggagagcga	gtcgggtgcc	actgggcacg	gtttccagaa	600
gttctgcttt	tgaaacctac	actcgggctc	ctctgaggat	ttcttccaca	gatcttggtg	660
tttcagcaca	tgaatggctc	gtgctgatcg	gatgaagagt	tcgtgggtgg	ggattgcgtc	720
tcctggtgga	ctgcactgtg	tatgacagag	atgatgtact	aaactccaca	gctcgatttg	780
gccaatctcg	agttgaaagg	atggtactgg	accaggcct	cataagtagc	ttgtcatcaa	840
gatctaggag	cttgtccatt	aggagagat	ttcttggtcg	tagaggcatt	ccatgaacca	900
agagatcatt	cacatttggc	tgatgtctgc	ttgcttgaca	gagactcatc	ttagactgtg	960
gcactcgcg						969

<210> 2856

<211> 1683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (571)...(785)

<223> similar to gi3882211 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2856
ggcacgaggt aggaaccagt ggtctatgtc ccgaccacta cttggccttga tagggcttaa      60
tgaaaagggtg agagagccag ctccctgggtg ccaaccaga agcagtggca accacgcact      120
tggtatcacc aagccctggg agaaatgtgt atagaaacac cccacggtgg tgaaacaggg      180
aaaatgggtc atttactgag caagtcccat ttgtgctttc agtatcacat aatcatttaa      240
ctgttagaag tcagcatgtg tggtagctca cagacacagg ataaaggagt gtttccccta      300
ggcagtaaga gaaacctttc aaggaaataa tgtacctggg tatcagagga cctaagacct      360
aagttctagt tctagctctg ctataaaca gtcttgagat tctggtaaaa gaaagggtctg      420
gataagatga ccctttttaa gtgctttaca atttaaaaat tcttgatatt cttagtagga      480
tgaagccata ttatcccaca agtgcttgcc tgaattttct ttttaagggt ccaatttttag      540
tagacattcc attcctcctt agagaagaac attcttcaac cctgcagatg acggagggct      600
aatctgcctt cccctgcttc tctaaccttc tgttccactc cttgccccac agtatttttc      660
tgacctaaaga aacagtattg tgaacagcca gccaccggag aagcagcagg ccatgcacct      720
gtgttttgag aacctgatgg aaggcatcga gcgaaatctt cttacgaaaa acagagacag      780
gtgagtataa agcgtcctgc ctagaaatct cagacaattg ctatttttca aatcaacgaa      840
acaggcagtt gctttaaagt ctttgacatc tgtgtttgga ggccatctaa agcaatgcaa      900
tccaatagaa aagttagcca tgttaaacag gcaaaattca ttttaataat atattttatt      960
taaccattg tatctaaaat attgtatcag tgtgtaatca gtattttaaa attgtggggt      1020
ttcacattct ttttgacta catttccaaa atcctgtgta ctttacattt aacagcatat      1080
ctcagttcat acgttttcat cagaaatact tgatctgtat ttagatttca taaatttaca      1140
gttgacaaag tagattcctg taatacccag attgtttcaa acacacctag ggactttcca      1200
gtaactgcat tgagtatctg ggctttgcaa ttaactttta aattttatatt aattttaatt      1260
aatttaaaac aaggcatttt aatttaaaat taagatgcag ttggggagct gaatgttaaa      1320
ttgtatttaa tttggattca tgttctcagt cacactggcc ataattcagg ggcacggtag      1380
ccatatgtgg ttaggcagcc gccctattgg gacaggcata gcaactgcacc acctgggtct      1440
tgctggcatt aaggaaatga ggatgggctt cattgggctt tactggccct tcacgtgtga      1500
gggcaacttc ctacttctgt cagtgcagatt tcttttgtgc tgccatgagc ccaaggtagc      1560
cctcagggcc ccagatttga ccagatctct aagccaactt ttctcttaga gtcttaagac      1620
tgaaattaac tgatctttga aacagaacct atcaattcat acattctact tcccatgctt      1680
taa

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```

<210> 2857
<211> 4279
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3530)
<223> similar to gi3327188 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2857
caagtctata agggctcgaca tgttaaaacg ggtcagttgg cagccatcaa agttatggat      60
gtcactgagg atgaagagga agaaatcaaa ctggagataa atatgctaaa gaaatactct      120
catcacagaa acattgcaac atattatggt gctttcatca aaaagagccc tccaggacat      180
gatgaccaac tctggcttgt tatggagttc tgtggggctg ggtccattac agaccttgtg      240
aagaacacca aagggaacac actcaaagaa gactggatcg cttacatctc cagagaaatc      300
ctgaggggac tggcacatct tcacattcat catgtgattc accgggatat caagggccag      360
aatgtgttgc tgactgagaa tgcagaggtg aaacttggtg actttggtgt gagtgtctcag      420

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ctggacagga	ctgtggggcg	gagaaatacg	ttcataggca	ctccctactg	gatggctcct	480
gaggtcatcg	cctgtgatga	gaaccagat	gccacctatg	attacagaag	tgatctttgg	540
tcttgtggca	ttacagccat	tgagatggca	gaaggtgctc	cccctctctg	tgacatgcat	600
ccaatgagag	cactgtttct	cattcccaga	aaccctctc	ccgggctgaa	gtcaaaaaaa	660
tggtcgaaga	agtttttttag	ttttatagaa	gggtgcctgg	tgaagaatta	catgcagcgg	720
ccctctacag	agcagctttt	gaaacatcct	tttataaggg	atcagccaaa	tgaaaggcaa	780
gttagaatcc	agcttaagga	tcatatagat	cgtaccagga	agaagagagg	cgagaaagat	840
gaaactgagt	atgagtacag	tgggagtgg	gaagaagagg	aggaagtgcc	tgaacaggaa	900
ggagagccaa	gttccattgt	gaacgtgcct	ggtgagtcta	ctcttcgccg	agatttcctg	960
agactgcagc	aggagaacaa	ggaacgttcc	gaggtctctc	ggagacaaca	gttactacag	1020
gagcaacagc	tccgggagca	ggaagaatat	aaaaggcaac	tgctggcaga	gagacagaag	1080
cggattgagc	agcagaaaga	acagaggcga	cggctagaag	agcaacaaag	gagagagcgg	1140
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ctagaggagt	tggagagaag	gcgcaaagaa	gaagaggaga	ggagacgggc	agaagaagaa	1260
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ggcagagtat	tggagccacc	agtgccttcc	cgatcagagt	ctttttccaa	tggcaactcc	1620
gagtctgtgc	atcccgccct	gcagagacca	gcggagccac	aggttcctgt	gagaacaaca	1680
tctcgctccc	ctgttctgtc	ccgtcgagat	tccccactgc	agggcagtg	gcagcagaat	1740
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gtggagaagc	tgggtgcccag	acctggcagt	ggcagctcct	cagggtccag	caactcagga	1860
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tcatcatcca	agtctgaagg	ctctccatct	cagcgctctg	aaaatgcagt	gaaaaaacct	1980
gaagataaaa	aggaagtttt	cagacccctc	aagcctgctg	gcgaagtgg	tctgaccgca	2040
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tctcatcca	gtgaggagtc	ggggacgacg	gatgaggagg	acgacgatgt	ggagcaggaa	2160
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ccggccatga	ccccatccaa	ggagggcact	ctaatcgctc	gccagactca	gtccgctagt	2340
agcacactcc	agaaacacaa	atcttcctcc	tcctttacac	cttttataga	ccccagatta	2400
ctacagattt	ctccatctag	cggaacaaca	gtgacatctg	tgggtgggatt	ttcctgtgat	2460
gggatgagac	cagaagccat	aaggcaagat	cctaccggga	aaggctcagt	ggtcaatgtg	2520
aatcctacca	acactaggcc	acagagtgc	accccgga	ttcgtaaata	caagaagagg	2580
tttaactctg	agattctgtg	tgtgccttta	tggggagtga	atttgctagt	gggtacagag	2640
agtggcctga	tgtctgtgga	cagaagtggc	caagggaagg	tctatcctct	tatcaaccga	2700
agacgatttc	aacaaatgga	cgtacttgag	ggcttgaatg	tcttgggtgac	aatatctggc	2760
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tttgagaaat	tggtagataa	gccattactg	gtggatctca	ctgttgagga	aggccagagg	3060
ttgaaagtga	tctatggatc	ctgtgctgga	ttccatgctg	ttgatgtgga	ttcaggatca	3120
gtctatgaca	tttatctacc	aacacatata	cagtgtagca	tcaaacccca	tgcaatcatc	3180
atcctcccca	atacagatgg	aatggagctt	ctggtgtgct	atgaagatga	gggggtttat	3240
tgaacacat	atggaaggat	caccaaggat	gtagttctac	agtggggaga	gatgcctaca	3300
tcagtagcat	atattcgata	caatcagaca	atgggctggg	gagagaaggc	catagagatc	3360
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actggagctc	ggagctgcac	cgagggcaac	caggacagct	gtgtgtgcag	acctcatgtg	3660
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tttttcttac	tccaaaataa	atcaaggctg	caatgcagct	ggggctgttc	aaattctacc	3780
atcagggtgct	ataagtgttt	gggattgagc	atcatactgg	aaagcaaaca	cctttctctc	3840


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<220>
<221> misc_feature
<222> (1)...(3112)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3113)...(55)
<223> similar to gi2887497 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2861

```

tttttttttt ttcaaagctg tcacgtttat tcgcttaaaa tacctaagtc ctcagaagca      60
gcagggtctg tngtggaggg gctgcgccct cagtgcctcc gtgccttcct ccgcacggcc      120
tgcaccagca gctccgagta gtgttccagc agggcctgca ggtctgggct ggccaggggg      180
tacagcgtcg gtgtggacgg gggtcctggg ctggtcagag cctgggctgg ggccacacta      240
gtccccacca ggcattcagc ctccagctgg ctgtggatcc acaggaaggt ggagaccagc      300
tcagtcctgt cctgctgctg cccggtgtcc acctggccac tggagaccaa cacacggtaa      360
aggtcgaggg cttcttgga ggtggtctgc agcctgtgca agatgttccc cccccggagg      420
tgggctccag gaggggaggca gtgccgccag ggatgccagg ccgggcctct ggaagctggg      480
ggttactggg gtgggcagga aggccagggg actcaggagc tgggagactt gggcgaaagg      540
cagagccgtg gagcctcagg gcgctctctt ccacagggct aggggctggg aagctcactg      600
cagggacggg gacgccaggc tgggtatcca cggggggcag caggagccca tcacaggcac      660
ttgacagggg cagtctcagg ttggccccgg cctcgtgggt gccccaggaa cgcagggcag      720
gctcttggcc ctcactgtcc aaactgggtg ttgtcgcggt ggtgatggcc tgaagctcct      780
ggcccaagga ggccagctcc ccaacggacg atggcctacg gaggggctgg gccagtgtgg      840
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gggtgggtgc agatgtgggc gttgggagat tccctgtctg ctgggcagac acggaggaag     1020
cagggaacac ggacgccagg ctcgtaaggc agggaggtgg tgggcgccag gcctccaggg     1080
tctcttcagc cttccctgca gcgaggacgt gggtcctgtc tggggaggcg tagccagtac     1140
ctgctctggg ctggcttcgg cctcggtcca tgagcttgac ctctggagac ttcacaaggc     1200
actgggttgc ccggggaggg aaggatatgg tgaacctgga tgccttctgg aggcttgaga     1260
ggaactgcgt ggagatactc aggcgtgggt tgaagaagtg gtcttcagct tcagaggcct     1320
ccacgtctcc cagagctctg cagggggact cagtcaagtgt ctcaaagtgg tggcggagga     1380
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gggacagctc atcttctgtg ggaccctcag gcgggctctg gtcccttggg ctgtcggagg     1500
acaccctgag gtaggagtcg ccctgctggt ctccaggccc ggcctccacc tccctcctgc     1560
aatactggct gtctgtccct gtgactgtca cttctgcctc cagagagtag aggatgagct     1620
cactggcctc agatgattcc ttctgtcac tcagcaggct ggccaggctc tgtggctcca     1680
gtgaatccag aatggagttc tccagactct cgggcttcat gggggtaaag tagcaatcca     1740
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cgtggggctg gtagctgcgc ttggcgtgga aggccaaagc atctgccaca tcatcgtccc     1860
ctagcagccg ctttggccac agtggcagct tgccgttggg tagcaggcaa cgaggattgt     1920
gtccccagca tctactcatg gggccctggc agggactcat ccctctggtg gacaggcagg     1980
ggctgccagg acctggggtg gccactccgc ttcttgcctat ttgtgtgctg ctgctgtctg     2040
cgggtggtcaa tctccagcaa gtgctgcttc atgcagttgg tgatctccgg gccagggtgc     2100
cagatgaaca cgcagctgtc tccagatact gtgatcaagt gatgacagtc ataggtgaac     2160
ttcatgctgg taataatttc tgcaaacaaa gcagagaggc tgcacttgcc ttcggagtca     2220
gagggtgtgg gcgggtgggg aggcattcca agcagagagg cacacccacc tgaatggcca     2280
aacatcttgg caatgcactc gcccgagtaa aagtcaatca ctgagatgct tttgtcagag     2340
cagctggtgg ccaggaaggt gcctgagggg tccacatgga ccttcagcaa ggacccttcg     2400
tcaccctggg agcccttgta gcacttcttc tgcttcccgt tcacagtgtt gtagactctc     2460
acattgcggg cctggcaggc cacggccacg tacttctggg tgatgtcaat gtccatgtca     2520

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tacaaggtgg	ttttctctgc	tacgtggtgg	gtacggacaa	agtgtagtcc	atccgaaccc	2580
tgctggggcac	tgcgaaagta	gatgctcttg	tcagccccac	agctgatcat	ctggatgtct	2640
ctgttgccag	cgaacttgat	ggcggtgatg	gaggaggagt	ggatcatccag	cgtctgctcc	2700
agggtgtagt	tcttctccac	gttcagcaca	tggatcagcc	gggtcccact	ggctgaggcc	2760
agcaaggtca	gccctgtctc	tggcttgagg	tactccaggc	acagcacctc	agcatcatgg	2820
gcctccacct	tgaccagctc	gtccatgaag	tgacagctcg	ggatcagccc	ctcattccca	2880
atgggcagca	ggaggtgcca	aggccagggc	ttctgcccac	tgccctgaga	acctgagctg	2940
gagctgggag	gtgtacactg	gacactgcca	gggcccactt	gcctcagatt	tccacttcgg	3000
tcgcctgaag	ccaaatgctg	gccgtcagga	ctgacctgca	tgacccgcac	cccggctttc	3060
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<210> 2862

<211> 2849

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (170)...(2300)

<223> similar to gi2702418 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2862

gggccgcgca	aggacccgct	gcggcacctg	cgcacgcgag	agaagcgcg	accgtcgggg	60
tgctccggcg	gccccaaaac	accgttgtaa	cctgacaagg	tggtggcaaa	cggggtaagc	120
cgggaaactcg	gggcgcgcg	ctcctacgtc	ttctcccgag	ttcaaccggt	atctcttcaa	180
ctgtggagaa	ggcggttcaga	gactcatgca	ggagcacaa	ttaaagggtg	ctgccttgga	240
caacatatct	ctgacacgaa	tgactgggtc	taatgttggg	ggcttaagt	gaatgattct	300
tactttaaag	gaaaccgggc	ttccaaagt	tgtactttct	ggacctccac	aactggaaaa	360
atacctcgaa	gcaatcaaaa	tattttctgg	tccattgaaa	ggaatagaac	tggtgtgctg	420
gccccactct	gccccagaat	acgaggatga	aaccatgaca	gtttaccaga	tccccataca	480
cagtgaacag	aggaggggaa	agcaccaacc	atggcagagt	ccagaaaggc	ctctcagcag	540
gctcagtgca	gagcgatctt	cagactccga	gtcgaatgaa	aatgagccac	accttcacac	600
tggtgttagc	cagagaagag	gggtcaggga	ctcttccctg	gtcgtagctt	tcatctgtaa	660
gcttcactta	aagagaggaa	acttcttggt	gctcaaagca	aaggagatgg	gcctcccagt	720
tgggacagct	gccatcgctc	ccatcattgc	tgctgtcaag	gacgggaaaa	gcatcactca	780
tgaagggaaga	gagatttttg	ctgaagagct	gtgtactcct	ccagatcctg	gtgctgcttt	840
tgtggtggta	gaatgtccag	atgaaagctt	cattcaaccc	atctgtgaga	atgccacctt	900
tcagaggtac	caaggaaagg	cagatgcccc	cgtggccttg	gtgggttcaca	tggccccagc	960
atctgtgctt	gtggacagca	ggtaccagca	gtggatggag	aggtttgggc	ctgacaccca	1020
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aaccacagctc	aacctcatcc	accggagcat	ctccccctgt	ctcaccagtt	tccgctgtaa	1140
gaaggagggc	cccaccctca	gtgtgcccac	ggttcagggt	gaatgcctcc	tcaagtacca	1200
gctccgtccc	aggagggagt	ggcagaggga	tgccattatt	acttgcaatc	ctgagggaatt	1260
catagttgag	gcgctgcagc	ttcccaactt	ccagcagagc	gttgacaggag	tacaggagga	1320
gtgcgcagga	cggcccagcc	ccagcagaga	aaagaagtca	gtacccagaa	atcatcttcc	1380
ttggaacagg	gtctgccatc	ccgatgaaga	ttcgaaaatg	tcagtgccac	acttgtcaaa	1440
cataagcccc	gacacgtctc	tgctactgga	ctgtggtgag	ggcacatttg	ggcagctgtg	1500
ccgttcatta	cggagaccag	ggtggacagg	gtcctggggc	accctgggct	tgctgtgttt	1560
gtgttccacc	tgacggcag	attcaccaca	cgggcttgcc	aagtatcttg	ctgcagagag	1620

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aacgcgcctt ggcattcttt ggaaagccgc ttcacccttt gctggtggtt gcccccaacc 1680
agctcaaagc ctggctccag cagtaccaca accagtgccg ggaggtcctg caccacatca 1740
gtatgattcc tgccaaatgc cttcaggaag gggctgagat ctccagtcct gcagtggaaa 1800
gattgatcag ttcgctgttg cgaacatgtg atttggaaga gtttcagacc tgtctggtgc 1860
ggcactgcaa gcatgcgttt ggctgtgcgc tgggtgcacac ctctggctgg aaagtgggtct 1920
attccgggga caccatgccc tgcgaggctc tgggtccgat ggggaaagat gccaccctcc 1980
tgatacatga agccaccctg gaagatgggt tgggaagagga agcagtggaa aagacacaca 2040
gcacaacgtc ccaagccatc agcgtgggga tgcggatgaa cgcggagttc attatgctga 2100
accacttcag ccagcgtctat gccaaagtcc ccctcttcag ccccaacttc agcgagaaaag 2160
tgggagttgc ctttgaccac atgaaggtct gctttggaga ctttccaaca atgcccaggc 2220
tgattcccc actgaaagcc ctgtttgctg gcgacatcga ggagatggag gagcgagggg 2280
agaagcggga gctgcggcag gtgcgggcgg ccctcctgtc caggagagctg gcaggcggcc 2340
tggaggatgg ggagcctcag cagaagcggg ccacacaga ggagccacag gccaaagaag 2400
tcagagccca gtgaagatct gggagaccct gaactcagaa ggctgtgtgt cttctgcccc 2460
acgcacgcac ccgtatctgc cctccttgct ggtagaagct gaagagcacg gtccccagg 2520
aggcagctca ggataggtgg tatggagctg tgcgaggct tgggctcca cataagcact 2580
agtctataga tgctcttag gactggtgcc tggcacagcc gcgggccagg aggctgccac 2640
acggaagcaa gcagatgaac taatttcatt tcaaggcagt ttttaaagaa gtcattgaaa 2700
cagacggcgg cacctttcct ctaatccagc aaagtgattc cctgcacacc agagacaagc 2760
agagtaacag gatcagtggg tctaagtgtc cgagacttaa cgaaaatagt atttcagctg 2820
caataaagat tgagtttgca aaaaaaaaaa 2849

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<210> 2863
<211> 1920
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1898)...(1868)
<223> similar to gill177607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2863
ggcacgagga gaaggctgcc agtagaggaa aggggaagaa ttcccagggc gaggaaaaca 60
cataagcctt tgctgttgga gctgtgtaaa ttcaaggtct ggccaggggg ctgtgagatg 120
ccgtgtgtgc ttggagcaca ggaatgagaa gtgaggtgag gaagtggctg ggccacctca 180
caaaggccct caaattctag gctgagaaac tcggacttgg tcctgagggt aaagggggcc 240
gggagaatgt tatgcatggt gctgaagttg cattcaacac agctgtgaga agcatctgtc 300
agggtcaggg cagtgtggga ggggaactgg aggccagggt accagatatg gtggtccagg 360
tgagaaggaa ggggccagaa cttggcttgg agaacggagg tcagtgcctc caggggggtg 420
aggtgatgga acttggtgct tgtctggctt tggggagtga gggagtgggt ggaaatgggg 480
acgtccaaag ttctagatgg tgtggcaaga attttgtcta gatgggggtg cttcctcatg 540
atcatgtctt ggggttgagc aggggttctc tttggtgggg agctgggtag ggaggtaatg 600
cttcactttt ggatggggcg atcaaattca ttcatgtatt cattcaacca atatcgaatt 660
gattccttac cttttcctga aagacctttg atagattctg agggtagaat gttgaccagg 720
atggagctgg gccttgagga gtggggaagg caggcagtaa cacagcaggc agtagatcaa 780
cgaggccata tcatggattg tgctgtggga tgtgaaggaa atgaacagac ggaggacgca 840
gagcagggca cctcgagcta ccacggtcac taaaagctgc tatgaccaag tgttctgtga 900
gctgaaacct gaaggccagg aaggagtcac tcttgtgagg ggctgaaagg aacatcacag 960

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<220>
 <221> misc_feature
 <222> (573)...(58)
 <223> similar to gi5106779 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2865
 tttttttttt ttaggcattc aggcctcttta atgtctgagg atgggggggaa gaagtcaatg 60
 gtgaggcttc tctgggaaat tctgcaggcc ttgtagttct ctaagcccct ctagcaacat 120
 gtggatatgg gctttgatat tcatggagtc cttggtgagg ctgttgctga gccttatgaa 180
 aacctatgag ttcaacatct gtgaggagag agctcttacg atcaatgaac ttgagagctt 240
 ctgccagtggt caactccagg aaaaaaacat atcccagggc cacatagatg cgtgaagtat 300
 ctgggaccac tgtgtcaacg aagaagttac agcccaaadc cacctgcata tataactccg 360
 agtgcttagc ttcctggagt cgctcaatga catttctcag ttgaaggat ttggccagct 420
 gctcatatac cttgtctcga tggccagca cctttcgcaa gtcccgtgc agcacgtcac 480
 tgatgaaggc ctcgtagcgc agcactttct ccccggtggc ctccaccgcc cgccgcttag 540
 ggggcgtcgc catgatgggc tcctcaggcc gccagcaata agaac 585

<210> 2866
 <211> 1606
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1598)...(228)
 <223> similar to gil575333 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2866
 tttttttttt ttcgtatttc aagggttttt attctgagca gtaggtacaa aaaataatga 60
 catagttgtg tctaattctg tatagttcag gcaccctcca caggctgtca atctctgatt 120
 tgatctactt ttaccagatt taacagatcc ttgaatttac ttactgtat atacttcctt 180
 cttgctcaca ttgggaatca aactaatgct ggaaacatgc atcttcagac ttcataggag 240
 aattccagat tgagacacgc tgggatgtgg attgagtcca tggtagaga agatggatta 300
 aatggaaaca aaacaggaaa catgtgcttg gcatctaata gcagttgctg aggttcattc 360
 cgctcttgta gttgtgcctg gattgttcgt ataaaggcca ctgttaccgc ttcttcaa 420
 tcattcaggg gagtataaag gtttaaaatt ttgacaatct gctgggtgct gagggaggta 480
 cacagggagc agatagcctc tgcgtcctcc tgggttttct tctttaattg caggagctgg 540
 gctgcttgga tcagaggttc catggtctga actgctccac tctggtgaag gtttcttccc 600
 cgaagccact cctcaagctg acttatattg tacctgagtt gcatgcctgt gctccaagag 660
 cagacgtcct tccgcaggag caggtcatta agagtcactg cgttgatcat gtagaagagc 720
 tgtttgaata cctgcaggat gatctcaggg tccaagccct ggtcacacat gactgtatga 780
 aaggcattca tctggcggat gatagcttcc aggcggtatg agttatcctc atctgccatg 840
 ctggaggagt gcttctggga gccagtgggc ttcacaccag atagaccctg aatgctctaa 900
 ttttccaaca tggcagaac tatcatcggc tgtaacacac cctcggcaat tttaatgagc 960
 tgctggtaga tctgaatgga aaggtcacgt caggcacctg acggtattcg gtgaggtcaa 1020

<210> 2868
<211> 1059
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (709)...(571)
<223> similar to gi2995384 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2868
tccccctcctc ccgcccacgc cccgctcccc gcccccggag ccccgcgag gctacgcccgc 60
gacgagtagg agggccgctg cgggtgagcct tgaagcctat ggctttgggc ccgggtggga 120
gccgccgcag gtgcatgac ttggtgtgta gtagcaaata ttcaaacgag aactttgaag 180
gcctgaagtg gagaaggggt ccatgtgaac agcagttgaa catgggtcag tcggtcctga 240
gagatgggag agcgccgttc cgaagggacg ggcgatggcc tccgttgccc tcggccgacg 300
gaaagggagt cgggttcaga tccccgaatc cggagtggcg gagatgggag ccgcgagggc 360
tccagtgcgg taacgcgacc gatcccggag aagccggcgg gagccccggg gagagtcttc 420
ttttctttgt gaagggcagg gcgccctgga atgggttcgc cccgagagag gggcccgtgc 480
cttggaagc gtcgcggttc cggcggcgctc cgggtgagctc tcgctggccc ttgaaaatcc 540
gggggagagg gtgtaaatct cgcgcggggc cgtacccata tccgcagcag gtctccaagg 600
tgaacagcct ctggcatgtt ggaacaatgt aggttaaggga agtcggcaag ccggatccgt 660
aacttcggga taaggattgg ctctaagggc tgggtcggtc gggctggggc gcagagacaa 720
ctgcaaggct tctaattggc aatgctggaa caatgacagc aaggaataaa taaagtata 780
tttaattata acccaaagca tactacagct gttcatgac ccatactgac ataaataaat 840
tggtgaataa attaataaat ggagaagaaa caaaccttcc aggcagaaga attccaaata 900
atgtatgtag atgctgcaca ctgagagaga taaagcatag ctccccactc ctaagtgtgg 960
gctacacata gtcactttct gctcaagagt acaggatgga aaaaaggaaa aaaagagtaa 1020
cattccaatc acctgcacca ttcaggtgat cgaggctcct 1059

<210> 2869
<211> 1386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1377)...(472)
<223> similar to gi2887431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2869
ttttacaaca caagaaatgg tactgaatat atttgttaca tctgaatca acccaataga 60
cggatcttgt aaacaaaata gtaaggtaac acttcaaaaa cagatgaaca atttatccac 120
caagaatgta tatagtaagc caaagctca ctgtggaaat acacttagca tggttattag 180
aaaatcacia agagtaatgt aacaagttac caaatattat ggcatgttc tgcttgataa 240

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ttcaaatagg atggatggta gttacctagt tttctaattt tgtgttggtt taacatctcc 300
attgattttt aatgctttat tttttatttg aatttgctgg ctggcagggt tgctttgctt 360
aatacattga ctgcaacacg cttattgttg tgttggtaga ataagacata cgagaatata 420
tatagaaagg ccatatggag gtttccatgg aaagattctg atactccata actctgctgt 480
tcagaatttc agctgattgc ctgtagttgg tgcagcgaac ggaacgctgg tggcagggtg 540
tgttgctgca gacacagtgg taggtgtagc accgtgcatc atgggcacaa tatttgaagc 600
gggtgccatg cacagtattg gccctgcagg gataaatgcc ggctgtggga gctgcagggt 660
agtcagagcc tgttggcagt ggaaaacagt gggattaaag accgggggtg caccattggg 720
cttttccagt gctgatctct ttggtatcag ttgcagtgtg ccaggctgca gggccatggc 780
agaggcagct gaatggttca tctgatgatg agctgccttg agtctggctt gcaagtgtgc 840
aggaggatga aagtacttgc atttctcccg cgagcatcga cctttgatgt aatccatgca 900
gattgtcaca gtattatcac tcgcttcaat catggaagca tcagtagggt gagcatagcg 960
gcaatcattc tccccacgg gtacaatttc cacgctgaaa ttctcggcaa acctccagtt 1020
tatctgaacg catcagtttt gggccaacag ctctggcat tgcaagaggt gggtttccag 1080
gaatcagaac aggtgtattt ggtacaagtt ctgcaggaaac gaggccatc ccaggatgtg 1140
gtatgtaagg attgaaagcc atgggaggat tagctggaat tgatggagtc ataggaaaag 1200
aaccaagtga tgacatttga gcgttttggg gcataagctg catctgctgg gcgaacatgg 1260
ctgcggcagt cttctgttga atcagattgt tccgccatt aatctccagc tgcgttttta 1320
agtgtggagg aggtgaagg tacttgcaag tctctcgggt acaccgaccc tgatcccacg 1380
cgtccg 1386

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<210> 2870
<211> 875
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (43)...(660)
<223> similar to gi2842510 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2870
ggcacgagcg acgctgggtca gaaacatttt ggggctactg tgtgcaagtc ttgtgggtatg 60
atatatactg cttccaaccc tgaagatgaa atgcagcatg tacagcatca ccacagggtt 120
ctggaaggaa tcaaataatgt gggttggaag aaagaacgtg tagtagcaga gttttgggat 180
gggaaaatcg tgttggttct gccacatgat ccaagctttg ctatcaaaaa ggtagaagat 240
gtccaagaac ttgttgataa tgaattgggc ttccagcaag ttgttcctaa atgtccaaac 300
aaaataaaaa cttttctttt tatactctgat gaaaagagag tagttgggtg ttttaattgca 360
gaacccatca aacaggcatt tcgtgtcctg tctgaaccaa ttgggtccaga atccccaaagc 420
tctacggaat gtcctagggc ttggcaatgt tcagatgtac cagaacctgc agtctgtggg 480
ataagtagaa tctgggtttt cagactgaag agaagaaagc gcattgcaag acgactggtt 540
gataccctca ggaattgctt catgtttggc tgttttctca gcactgatga aatagcattt 600
tctgacccaa caccagatgg caagtatttt gcaaccaagt actgcaacac ccctaatttc 660
ctcgtatata attttaatag ttaaagctga tttcagttat aaaggagtta ctatctggat 720
aagttcaaag agctccttat tataaaatac aaactattta ataaatatca aaataaaaaa 780
taccgagac tcacactcat acacacacac acacacacac acacacacac atatcacagt 840
tttggttctt tatgagttga aaagtcagga ataaa 875

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<210> 2871
 <211> 1519
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1520)...(293)
 <223> similar to gi3876636 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2871
 tttttttttt ttgagctttt gatcatttta ttcacaaaat ataagcgaga cttacatccc 60
 tttctggtga aagttttcaa ataattttat gggtagggcc ttgagatgta tcaattataa 120
 aacatgttaa aatgaaaaca ttttttaaat ttacaaatac aaaccaatac tttatacaag 180
 aattctctat aaagtccgtc aaagtaaaaa ataatttggt tcaactgaat ataaggcatg 240
 tccagtttat gtcattttgt agaattattt ttgttttgct ggagactttt ctcttcgccg 300
 gtccctgatt ttctttgatt ctctggattg ttcagagtat ctgctagatt tttcccatcg 360
 tctctcgga ccattttgat atctatcttc atcacttctt gagcctgagt gctttctatt 420
 catttccttt gactttgatc tatcttttct tctgaaattt tcaactgtct taattcgggtg 480
 tgtatgcttc tcattttcag aaaaagaatt tcttctctct cctctcttct ttttgggatc 540
 accatgctta ttttcctaat ctatatgcat ttcttggtct ctgtcattcg caactctact 600
 gtagttattt cgttcagaag gaacatcttt gtctgatgtg tactttgtta taggatctct 660
 ccaatttgaa ccacttgaat tttgatctct gtgtttttct gaccttcttt ctctctcagt 720
 ccttgtttcc tgggtgcccg gtctctgtct tctttctttt tgtttcctat catttgtttg 780
 ctggtttctg atcaatttat ctacctcttt acttctggtc ttcccatgct ccttcttct 840
 tacatcatta gctgaggcag agctatgact actgatggat gaagagtcgc tctcttact 900
 ggaagactct gaactgctat cactgctgtc agaatcagag tcggatgagt cagactctga 960
 agaggaggac gctgaagagg aagaggatgg ggaggattta ttttgctcaa catctggttt 1020
 ctgcgccaca atgacctttg gtgtattttt gagatgctcc cgcagttcat cggtaaacc 1080
 tccaagacct atagaagtaa agaagttgat ggcaaaccga gtgtttcttg gattatctcg 1140
 gggtaataat ccttcaaaga atggctgcag agtttcatcc tttaatcttg cattaagttt 1200
 aggaagacc atgtattcac acagttcctg gaaaaatatt ttgacaaaaa ttctactgga 1260
 tgatgtagtg gtttcttcac tcagttttat acattcaaga aactccatg gaagtgaatc 1320
 agtgatataa aggtgagcaa acatcttagc aacatttcgc aacttgtttg tttccaagcg 1380
 atggatggta tcatactgtt ctttgaatat accttcaaag gattccatgt actcctttct 1440
 ttagcatgca aaatccgccc cagctattaa gccaaaaaat tttcgtatgt ctttggtggg 1500
 cacaacaatc aagattcat 1519

<210> 2872
 <211> 338
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (331)...(105)

<223> similar to gi31725 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2872

ggcacgagct	ggaagaataa	ttaaagatct	ttttttgggt	tttttttggg	gggccttttag	60
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aagggccagg	gacctaaagg	gaatcggggg	gacggggcat	gggccactcc	agccccatt	180
tttggccaga	aacccggccc	ctagggggga	aatttttgcc	caaagggctt	ggcaaaaccg	240
gccacaaccc	ctttaccagg	gacctgaaag	tcttagggta	ccactggccc	cttgacacca	300
tgcagtgact	caggggggaa	aacggccccc	cgaaactc			338

<210> 2873

<211> 5533

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5534)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5535)...(3751)

<223> similar to gi5689507 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2873

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tgaagaggaa	gtagagttaa	gggcttggca	agttgcccac	tcctatccct	cgggtctagct	180
gcctcagaac	taaaggaggc	ctggaactaa	caagtcactc	cccttcccag	attaagatga	240
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ccctctgtaa	ctcccacatg	cccaggatcat	ctgcaactgga	ttagatgtcc	atttcaaatt	360
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gccgaattcg	ggccagtctc	tctgttccaa	ttgggggagg	tatctttcga	tcttgactgg	4260
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gatggggaga	aaaatgttgt	ctgttgaaac	taggagtccc	aacaggagct	ggcccttgca	4440
ggaaaaccct	tgttcctggg	atgccggaaa	aacttgccag	aggagcagaa	gaggaagatg	4500
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ggcaaacaac tgc 5533

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<210> 2874
<211> 676
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(251)
<223> similar to gi2853033 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2874
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tcttcgaatt gagactgact ccaaggccac aaactgttca acacacacaa agtggacaaa 300
tagcathtag cagcaggttt ggaacgtaga gaatctgaat ggatctgatg aaacctgaac 360
cagggtgctta ttttgttgct tttttcccat ccactgagca tgacagcatg gattctcttt 420
aaggagaaac catgggcagc tccagccagg cctcatagga aaaggcccg catgagggttc 480
tggcgtcaat ggccactgtg tatggctgct ctgagtgagg aaaaaactaa aaagaaaaac 540
tggttccatg tactgtgaac ttgaaaacat gcagactcac ggggggttcct gatgcaatgc 600
ttcagatgaa gattgtggac ttgaaaatac agactagaag gccgggcaca gtggctcatg 660
cctgtaatct cagcac 676

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<210> 2875
<211> 1315
<212> DNA

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accgtacaaa	tgcaagtact	gcgggaaagc	cttcactaca	aaatcagggc	tcaatgttca	240
tcaaagaaaa	catacaggag	agaggcccta	tggatgtagt	gattgtggga	aagcttttgc	300
gcacttgtct	atccttggtt	aacacaagag	aattcacagg	tagtcatttt	gggaaagcct	360
cttgccagat	gtaggccctt	aagatatctg	caaagaagag	taatttcatt	aatgcagact	420
acatggttgt	ttatttagtg	atcagttact	tcatgttttg	tgtcagagaa	aacatgtaca	480
aaacatttga	gaaaatattt	taggacatta	tgtctaaaaa	ttgtataact	agaaaaatcc	540
tatgaatgtg	gcagactata	aaagcccttg	gtgggaagat	aaacccccct	agaagtgtat	600
atagatcatg	aataaaacta	taattcgttg	aaatgtaata	attataggaa	cgtcttttgc	660
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aatgaaggaa	agaagccttg	gcaaaatgat	ggatgagagc	tttctgtcac	aattctaacc	900
ttaacagata	atatgcctca	tgtgcatttg	ggaacaggat	agcttgagcc	atattcctag	960
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ctcctgcatt	tcttttagtt	taagtttgtg	ttatttcaga	ataactaaag	tacttcagaa	1140
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<210> 2877
 <211> 2113
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1376)
 <223> similar to gi5360087 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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cgaaaaaata	gggaatcttt	ccagatatatt	ttagatgaat	tacatgaaca	tggacaactg	180
cattctatgt	catcttggat	ggaattgtat	ccaactatta	gttctgatat	tagattcact	240
aatatgcttg	gtcagcctgg	taagattatt	ttctttccta	atttaccgtt	atggtagtag	300
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acaagaaaca	ttctaagaaa	tctaaaaaac	atcataggaa	acgttcccgc	tctcgatcgg	960
ggtcagattc	agatgatgat	gatagccatt	caaagaaaaa	aagacagcga	tcagagtctc	1020
gttctgcttc	agaacattct	tctagtgcag	agtctgagag	aagttataaa	aagtcaaaaa	1080
agcataagaa	gaaaagtaag	aagaggagac	ataaatctga	ctctccagaa	tccgatgctg	1140

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agcgagagaa ggataaaaaa gaaaaagatc gggaaagtga aaaagacaga actagacaaa 1200
gatcagaatc aaaacacaaa tcgcctaaga aaaagactgg aaaggattct ggtaattggg 1260
atacttctgg cagcgaactg agtgaagggg aattggaaaa gcgcagaaga acccttttgg 1320
agcaactgga tgatgatcaa taaattatac caaatatatg tttacagtat gatttaaagt 1380
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aaattgaaaag taacttttga ttctgtatca agaatacatat tttcatacag tcataactgt 1560
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aggtgatggt taaaaaaact ttaacatcaa atcaaattgt aaattaattt aaatatattg 2040
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tctaaaaaaa aaa 2113

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<210> 2878
<211> 4352
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(4353)
<223> n = a,t,c or g

<220>
<221> misc feature
<222> (4353)...(2201)
<223> similar to gi3327204 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ccaatgtagt ttgcaattac ttttcagttt cttaaacagc tccccctcaa cttttttttt 180
tttaacagtc ttgctaattt ttcagctgaa acagcatcaa gttttcaaag aattaagagc 240
cctcggggag gggaccccg c ttttcaagat actgaagggtg acatcaagag tctcctccta 300
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aatagtccta catctccaca gaccatccag gggatgagtt tagaacactg ttgggtggat 420
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gccccatata aagaaatcca gtgaaggaag ctgaggaaaa tataggcaat ggctggctcc 540
aataaggatt accaagttcc gaataccaca tatagttaga caccagtgtg caagttgatg 600
caactagaaa gaaatagacg acttttttaa atacctggcc acagggtctt gagaaactcaa 660
gcaacaatc aacagtagac acaagagtca aaaatcttct cagggttgaag attaggacat 720
aggtaatctt cctaacggct ccaacaggca aggaaatatg ctgtggcaaa aagcattaag 780
tagttctgat ttttaacgag cataaacaaa attttctgct tctcctccct tcaaagcttc 840
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caattctgaa	aggaaaacca	gcatgacaca	gaatctcaaa	ttcccaaaca	ggggctctgt	1080
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4352

<210> 2879

<211> 5153

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5154)...(262)

<223> similar to gill184692 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2879

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<210> 2880

$\langle 211 \rangle$ 2142

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1851)...(1543)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2880

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<210> 2881
<211> 1327
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(1141)

<223> similar to gi2772914 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 2882

<211> 1502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1145)...(629)

<223> similar to gil707154 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cctcactgtc tgttgctata atttgcccat tgtgaaccat ctgtgaattc tgtcttaggt 1080
attccatgaa tccattcaca tcttcattta agtactcttt tttctttttg ttctttttat 1140
gttttgcttg ggggtgatca tttttgaggg atagcctatt ggcttcaagt tgtttacgct 1200
ttggtaggtt ttggcttggt ccctcaaagg atcccttctt catgtcctcc catgatgttg 1260
caggcaaggg tctcttggtt tatgtgttac taactcgggc ccacctggtc ataatttcat 1320
cagtgggtacc ttatcaattt ttaagacaag caggggtggt tagccatcaa caacaaaaac 1380
aacaaaacta aagagacatg ctatatcact atatgtcaca tatgcccata tgttaaactt 1440
ttaattatta aaacactttt tatttcaggt agatatctgt atacatattt aatggctata 1500
at 1502

```

```

<210> 2883
<211> 1188
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1084)
<223> similar to gi5106956 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2883
atggattatg aaactacaga aaaggaagta gcagaaccac tcttgacct gaaggaagga 60
atagaccagt tggagaacaa taaaaccttg ggctttatcc tgtctactct cttagccatt 120
gggaactttc taaatggaac taatgccaaa gcgtttgagt taagctacct cgagaagggt 180
ccagaagtca aagacacagt gcacaagcag tcgcttctcc accatgtgtg caccatggtg 240
gtagaaaact tcccagacag ctccgatctg tactcggaga tcggggccat caccaggtca 300
gccaaagggt actttgatca acttcaggat aatttatgtc agatggagag aagatgcaaa 360
gcttcatggg atcacctcaa ggcaattgca aaacatgaaa tgaaaccagt tttaaaacaa 420
cggatgtcag agttcctgaa agactgtgca gagcgaatta taattttaaa gattgtccat 480
agaaggataa tcaacagatt ccaactcttt ttactcttta tgggccatcc accttatgca 540
attcggaag tgaacataaa caaattctgc aggtattatta gtgaatttgc actagagtat 600
cgcacacca gggaaagggt tttgcagcag aaacagaaac gggccaacca cagagagaga 660
aataagacca gaggaagat gatcaccgat tctggcaagt tctccggcag ttctccggcg 720
ccccaaaggc agccgcaggg tctgagctat gcggaggacg cggctgagca cgagaacatg 780

```

aaggctgtgc	tgaaaacctc	gtccccctcc	gtggaggacg	ccacccccgc	gctgggcgtc	840
cgcacacgca	gccgagcaag	ccgaggatcc	actagttcct	ggactatggg	aactgatgac	900
tcgcccaatg	tcacagatga	tgcagctgat	gagatcatgg	accgcatcgt	caagtcagcc	960
acccaagtgc	ccagtcagcg	agtggtgccg	agggagagga	aacgatcccg	ggccaaccgg	1020
aaatctttgc	gaagaaccct	gaagagcggc	ctgaccccag	atgaagccag	agccctgcgc	1080
ttggttggca	cctctgagtt	gctggtgttt	ccgttataag	ttattcctat	ataggtctca	1140
gtaaatgtgt	catttttttt	gttctataacc	tgttccggtc	ggtttctg		1188

<210> 2884

<211> 2201

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (110)...(1633)

<223> similar to gi3881665 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2884

agaaatgact	taatcgctctt	tttggcagac	cagaatgcac	ccgtattttta	aacccaaagt	60
aaaggtatct	ttcaagaatc	acagtgcat	gataacaagt	gtagtccctg	gggattatga	120
tggagattct	caaatggatg	tccttctgac	atatcttccc	aaaaattatg	ccaagagtga	180
attaggagct	gttatcttct	ggggacaaaa	tcaaacatta	gattcctaaca	atatgaccat	240
actcaatagg	acttttcaag	atgagccact	aattatggat	ttcaatgggtg	atctaattcc	300
tgatatTTTT	ggtatcacaa	atgaatccaa	ccagccacag	atactattag	gaggggaattt	360
atcatggcat	ccagcattga	ccactacaag	taaaatgcga	attccacatt	ctcatgcatt	420
tattgatctg	actgaagatt	ttacagcaga	tttattcctg	acgacattga	atgccaccac	480
tagtaccttc	cagtttgaaa	tatgggaaaa	tttggatgga	aacttctctg	tcagtactat	540
attggaaaaa	cctcaaaaata	tgatgggtgt	tggacagtca	gcatttgcag	actttgatgg	600
agatggacac	atggatcatt	tactgccagg	ctgtgaagat	aaaaattgcc	aaaagagtac	660
catctactta	gtgagatctg	ggatgaagca	gtgggttcca	gtcctacaag	atttcagcaa	720
taagggcaca	ctctggggct	ttgtgccatt	tgtggatgaa	cagcaaccaa	ctgaaatacc	780
aattccaatt	acccttcata	ttggagacta	caatatggat	ggctatccag	acgctctggt	840
catactaaaag	aacacatctg	gaagcaacca	gcaggccttt	ttactggaga	acgtcccttg	900
taataatgca	agctgtgaag	aggcgcgtcg	aatgtttaaa	gtctactggg	agctgacaga	960
cctaaatcaa	attaaggatg	ccatggttgc	caccttcttt	gacatttacg	aagatggaat	1020
cttggacatt	gtagtgctaa	gtaaaaggata	tacaaaagaat	gatttttgcca	ttcatacact	1080
aaaaaataac	tttgaagcag	atgcttattt	tgttaaagtt	attgttctta	gtggtctgtg	1140
ttctaattgac	tgtcctcgta	agataacacc	ctttggagtg	aatcaacctg	gaccttatat	1200
catgtatata	actgtagatg	caaatgggta	tctgaaaaat	ggatcagctg	gccaactcag	1260
ccaatccgca	catttagctc	tccaactacc	atacaacgtg	cttggtttag	gtcggagcgc	1320
aaattttctt	gaccatctct	acgttgggtat	tccccgtcca	tctggagaaa	aatctatacg	1380
aaaacaagag	tggactgcaa	tcattccaaa	ttcccagcta	attgtcattc	cataccctca	1440
caatgtccct	cgaagtggga	gtgccaaact	gtatcttaca	ccaagtaata	ttgttctgct	1500
tactgctata	gctctcatcg	gtgtctgtgt	tttcatcttg	gcaataattg	gcattttaca	1560
ttggcaggaa	aagaaaagcag	atgatagaga	aaaacgacaa	gaagcccacc	ggtttcatth	1620
tgatgctatg	tgacttgcct	ttaatattac	ataatggaat	ggctgttcac	ttgattagtt	1680
gaaacacaaa	ttctggcttg	aaaaaataag	ggagattaaa	tattatttat	aaatgatgta	1740
tcccatggta	attattggaa	agtattcaaa	taaatatggt	ttgaatatgt	cacaaggtct	1800

ttttttttaa	agcactttgt	atataaaaaat	ttgggttctc	tattctgtag	tgctgtacat	1860
ttttgttcct	ttgtggaatg	tgttgcatgt	actccagtgt	ttgtgtat	ataatcttat	1920
ttgcatcatg	atgatggaaa	aagttgtgta	aataaaaaata	attaaatgag	caggaatttt	1980
tgtgtccact	tgacttggtc	ttgcttctta	ttctaatagat	gcaaattata	cttttgtgaa	2040
tatatcacgg	agtcattagg	cattcagctt	catcacagca	ggtcaggggt	ctcactgatg	2100
gcatacaata	tagtgatcgg	gtactctgac	ttggtagcac	agtaagacag	acttgcctta	2160
aactccta	tcaaccactt	acaaagtc	at	tgtttgaact	t	2201

```

<210> 2885
<211> 3244
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(601)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2885						
tttttttttt	ttggtagaga	tggggctctg	ctgtgttgcc	caggctggtc	tcaaactcct	60
aggcttaagc	agtcctccag	cctcagcctt	ctcaaagtgc	taggatgatt	ggcatgagcc	120
acctcgctcg	gcctgcaggt	ctttttaagc	atttgcgtgt	caataataag	catcttcttt	180
atgcctagta	tttgtgataa	gagcacaaaa	caattttcta	atctcaaaga	gcttatattc	240
tagtggggta	gagataagtg	atztatcttg	gtgtagtttt	ggcttttttg	tttgtttttt	300
tgagacagca	tctcacactg	tgcgccaggc	tgagagtgcag	tggtgcaatc	tcagcttact	360
gtaacctccg	cctgccaggt	tcaagcgatt	ctcctgcctc	atcctcccga	ggagctggga	420
tcacaggcgc	ctgccaccac	gcccggctaa	tttttttgta	tttttagtag	agacgggggt	480
tcaccatatt	ggccaggctg	gtctcaaact	cctgacctcg	tgatccgcct	gcctcggcct	540
ccctaagtgc	tgggattatg	ggcgtgaacc	accgcacctg	gcctatcttg	gtgtttttac	600
atccttcagt	atttttcaag	gttttacagc	ttttttatct	atagacttat	accatcttca	660
aaagcaatac	aattttat	gtagacgtga	tttccccac	caaatgcaca	ttttatggag	720
ctctaggaca	aaagtcagga	tgaagataa	tctatcgctg	gtgctacttt	aataccttcc	780
tgactggtgc	cactggctaa	attctagcag	tacgatgaga	gggccattaa	ggcctatctt	840
agcaagcaag	acattatagc	aaagacctaa	acactcaaag	gttcaacgtc	ttctagccag	900
ggaactattc	tctaattctt	ccaccttgat	atgatttcag	caaattctga	taaccgggta	960
ttactcttaa	tgcatttttg	taacatttga	caaacatctc	ccaatatgta	gactcccact	1020
ctcctgatgc	taatcagtat	cagacaatgg	aagtaaattt	tcctgctttt	ctcaactttt	1080
cctcaaattc	atgttagtga	agtactttca	tttggccatc	attatttatc	aaccttaaga	1140
aacatgccta	ttgacgaagt	aaatatacta	ggaattcaac	gtatctacgg	gaatgtggac	1200
aaagacatat	accaagacaa	ggcactagag	tgaagagcca	ttaaaataaa	atgctcagca	1260
gcaaaggatt	tgtaatgggt	aatttgcaat	atatccatat	ggtgtaatat	tacagtcatt	1320
agaaatgaca	tttgcgtaag	gatctgagtg	gaaactgata	cagcctgtcg	gagagctact	1380
gagtagtatt	ttatcacagc	tgcatacata	ccctttcacc	caacagttcc	actcctggga	1440
gtctagtcaa	caaattggaca	agttgcacaa	ccaagctatg	gtcaaatatg	tgtgtttag	1500
gatttatgaa	actggtacca	atttaatat	caaattgtgat	taagtcattg	caatctat	1560
actggatact	ttgtggttac	caaagagcta	tgtgctgcca	cagggagtcc	tttcaatagt	1620
gattgaaaaa	ggcagaacac	tactagacag	aactacctat	tttatgcatg	tattggcata	1680
cactgaaaaa	gcttagtcac	ttaaaatgag	gttgtacaga	ttgtagattt	tgtttttaaa	1740
cgcctgtatg	gttttaaaaa	tgttttggga	aatagacatg	agcagggcag	agaactacaa	1800

09483725.010100

```

cctacaggcc aaacccacc ccactgcctg tttgtacggc caacaagttt aaaatTTTTT 1860
taatgtttta ggtTTTTTTT tttttaaaaa aaatactatg cccatttggt tacaatcgt 1920
ctgtgggtgc tttctcacta caatggcaga attcagtagt tgagacagac ctatggtcca 1980
caaaggccga aatatttact gtttttaggag aaaaaaaca catgaattgt aataacttgg 2040
acttacttgg ttgctcagtc ctgatgtgtc ctgtttaaac ctaagagaaa cagcaccaag 2100
ttcaatctag tgcaatcagc ctatcacatc taagctgctt ttgccagatc tgatatctac 2160
tcccagacct aagccaggag actttgtaaa cttactaggt tataataaaa cttaaaaact 2220
atcgatatTT actaatctac atcatggaac tatttcaaaa gcagtcatat ggtaagatgg 2280
atcaggagtc tttaaaaata aaactgagaa agaaaaatca tgtgatcaat tcagtagtag 2340
agacagaggt tggatatcaag tctatgttca tacacttacc agtgccaccc agcagggccca 2400
tacaagacac atgaaatgag atcagctcaa gggtgacaag atgaaactgg gagagggccg 2460
gggagacccg aactcttaat attggattcc acacaagagg aaaaatttta gtccagctcc 2520
cagcatggca gctaattggc agttactcag taccataaag ccaactcttg gaatatacct 2580
gacttccacg ataaaaatgga gatgagtgc ggggtgagtg tatagttaag aaaacaaaca 2640
atatattact agtccagggtg gtagatgaca gatttttatt atttacctt ctctcaaatt 2700
attacattca gcatgttttg ctttttatgt tattttaaagt ataaaccctc atataattcc 2760
ctaagatggg tggcatgcc ahtagctaaa tgaaatatca tcccagccca aaagtactta 2820
ttcgaatgaa atattacatt tttcttaaat aaagcaataa attaggtacc ctattatcat 2880
ggtattttct tttttggcca gcttttctag ataaggttgt attgctactg caactaaca 2940
aaaagatgtg gcagggctgg gcacggtggc tcacgcctgt aatcccagca ctttgggagg 3000
ccgaggccgg cagatcacga ggtcaggaga tggagaccat cctggcccaa catggtgaaa 3060
ccccgtctct actaaaaata caaaaaattg gccagggtgt gtggcagggt tctgtagtcc 3120
cagctcctcg ggaggctgag gcaggagaat cgcttgaacg cgggaggcag aacctgcagt 3180
gagccaagat catgccacag cactccagcc taaactacag agctagaaag tggctagagc 3240
agcc
3244

```

```

<210> 2886
<211> 989
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (11)...(284)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2886
gttggggtct cactctgtcg cctaggctgg agtgcagtg cgtggatctc tgctcactgc 60
aagctccgcc tcccgggttc atgccattct cctgactcag cctccggagt agcggggact 120
acaggcgcac gccaccaggc ccggctaatt tttttttttt gtattttttag tagaaacggg 180
gtttcacccg gtttagccaga atgggttcta tctcctgacc tcatgatccg cccacctcgg 240
cctcccaaag tgctgggatt acaggcgtga gccactgtgc ctggccaaac gctggtaggt 300
ttgggagtg gaccacatta catttaata tatttacaat gttttctgct ctattcttta 360
gtagactttt cctcacgtgg tcctacgcat ttctttctaa gtttattttc atatagccta 420
tcctgttcta caatttaaat tgggatcttc tatattctag ttattatttg taaataagaa 480
aactactgac ttttttctag tatattttct cagaatagga ttttctatTT ttctataaaa 540
tgaccaatgt tatgaagctt cgtaagtttt gtcaaagtga tacacacata cagcaaaaaa 600
tcaaatagta cagaagtata aaagcaaca cctctgcctt gcccttctc caccttcagg 660
tccccttccc agatacaata attttttagct ttttattttt aattattctg gttgttacct 720

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acataactct	gggcaatatg	gaaaagttat	tgatttttga	tattaatttc	ataatcagtt	780
accttgatga	attctcttgt	ttctagtagt	ttttcttttag	ggtttttaaag	ggataacaatc	840
ataccatttg	cagttagtaa	ccattttatc	tcctcttatt	tccaacttcg	tactgttttc	900
tcttgtctaa	tttgttttta	attggtgggt	acttctagaa	caagggttaa	taaaagtggg	960
gttggtgggc	gtccttattt	ctgatatta				989

<210> 2887
 <211> 914
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(915)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (9)...(471)
 <223> similar to gi56689 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2887						
attttgtggc	gctgtatgac	gctatcatga	atgcaggcca	ggaggaggga	atcgacaatt	60
ttggaacct	tgccatgaat	gccttacgcc	tgagagaaagc	cttcagagcc	tggggggttag	120
agatgaactg	tgatacaaat	ccttttgaag	ctggactgga	atattttgtg	aagttaaata	180
agccagcaga	cttcatagga	aagcaagcac	tgaaacagat	taaagccaag	gggctgaaac	240
gaagactggg	ctgcctcacc	ttggcaacgg	atgatgttga	tccagaggga	aatgaaagca	300
tctggtacaa	tggcaagggtg	gttggaacaa	cgacatctgg	aagctatagc	tacagcatcc	360
agaagagtct	ggcttttcgca	tatgtccctg	tacaactaag	tgaagtggga	cagcaagtgg	420
aagttgaact	attaggcaaa	aattcccagc	agtcatacata	caagaacctt	tgggtattgac	480
cgaaccacct	agaaaccggc	ttcagaagaa	aggggtgaagg	acaaaacttg	aaaaaagcct	540
tccacagtca	ctgaataaga	ttgctntgcc	tgtcttgaaa	tatataacgg	ctccagggga	600
ttaggggaacc	ggaattcttt	caaacgtcaa	gcctaatttg	atctaggaac	cttctgtaag	660
ggttctagca	gccgattatg	gatatggtac	atgcctttta	tgagaatgga	agatgtgttt	720
tcccccatcc	accgaaaatt	gggtcgaaac	accttccact	atgggctctt	attgaaacgc	780
ggctgtggaa	aattattctt	taaaaaagaa	agtttgcggg	ctcttgggtt	ccgcgggttag	840
gggcgtgcgt	gccccctggg	aggccccctgt	gggcgggggt	gcgcccgcgc	tttcggggcg	900
atggccgcaa	ctga					914

<210> 2888
 <211> 1950
 <212> DNA
 <213> Homo sapiens

<220>


```

<221> misc_feature
<222> (1887)...(919)
<223> similar to gi4490733 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```
<400> 2888
```

```

ggcacgagca caatgtttga tgctggtgca catatacaat acacacatgc acaacactgt      60
gtctgcaatg atataatagg gctaccaaga ccaagagagt aaatatcaac ttaagaacac     120
ttctaacttt agaatttcat tttattaaac atacttttaa aacaagcacc tcttggcaat     180
aaaagcaaaa acaaaaaaca aacaaacaaa aacccaacca aacaatagta ctccttccac     240
tctatgctaa cggaagactt ctcacaccag ccagttaaac aatgaaattc ttaaacacgc     300
agcctgctgg ggctgcatgc agagctaaaa tgcagggtgtg ctgacttctt ggagctggag     360
cagaggaaaa catcaaaaag catatctgga atctatcaca gctttctttc ttaagcaaat     420
aaaaatgcaa attagtttca taaccacaat tcaatttatc aaactttttc tgaagaattt     480
tcatttaatt atgtatacat aacaggaaat aaaacttttt cacaacact ctcaaggctt     540
acgattatca agaaaatgac aaaagtaaaa gcaggaggaa tattaacac atggcgggga     600
ggcgaatttc cgtttctgct cttaaaaagt aaaaaaatca ccatataatt aagtacaaaa     660
acctgcattg aatgacaact gctggtgtat ttacttgatc agaaatgaag accaagaata     720
taataaagcc ctatgataat attcaccggg agcactcccc tcagtgtgtg tactactaaca     780
ggttggcaaa gtttctggag cattagctta tagaaacaca ggagtccttg gttagctgca     840
ttatatggaa cgttctcttc tgaaatgcac ccacgattca gtttcactta caaattgcaa     900
actaaagtta tctcttcaga aaaatatctg tttggcatct cctggacttt gttccattgg     960
acagtaggga cattttaatt tgctaccatt aaacatttta ttcagggcat ctcttgatat    1020
aatatgacca cagaccaatt tcatgggtgg attgttatct gttgtttgct gacgaagaat    1080
ggggcaggga aatatagagt gatacccagc acttttttac ccaaggtccc acttcaatag    1140
gtaattcatc tttctggttc caaactccag tacactgect ctgttcaatc acggctttga    1200
tgtaatttaa agctggcagc gccacacaaac ctgctgagaa actgacactg agaggggact    1260
ccacggagag ccccgaggag gcacaagcat cccgtgtaaa gatgtcacag atatcagccc    1320
actggtttgc atcaagtagg tgaacatatg gtgagttctc aatcccttgt ctcaggtaca    1380
caaggcttcc catcaaaacc tgaatgtctt tttgatgatt tagggcaaat ggctgaaaat    1440
ttttagcata ttgtaatgcc tctcgctgat ttgtggttcc acccattaac aagctaataa    1500
aatacagtct gtgtagctta aattccaagg agctgttttg agctataagc atttcccggt    1560
ttgacactgc ccaactccaga gcagggtctca gaactctgac ctttaatgcc tctaataatc    1620
tatttaactc cacaaatggg tcttcttgac ttgggtctac agaaagacca gattcctgac    1680
agagctcctc agccacatcc agcattcctt gtcgaaagaa gtgctccacc atcacctcat    1740
tgagaagcct ttggctgtct gcctgccagc agccatctat tcccacactg ctaatgtcag    1800
aatcaaaatt cttatcaatg gcttttccaa cccgagaaac actgctgtgg atgtctttgt    1860
ggtcggaggc caatttttga acagtatcct ttattctttt acagcactgt gtcaaaacaa    1920
gtgaaagtgt ccctgataat tcagcatctt                                     1950

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```

<210> 2889
<211> 1819
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1821)...(1526)
<223> similar to gil230564 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2889
tttttttttt ttgaaaagag acaataaaat gatttgtttt ttattcaaag ggataactgg      60
ataagtagat ttgttccatt cttgtgaaat acttttttaa aaaatacgac caacttcttt      120
gcaaatagca gacacatacc tcaactatga tgacctaat tttggtggat aatgtacatg      180
attaggcaga aataggcaag ctccactgg tagattaact atcaaatact cagtcaaaac      240
tccgtttgtg gccccactt cttgatcgat ttctattccc acttcgtctt ctaccatctt      300
gtcgacttcc tgagcgactt cctgtcgac tctgtctacc tgaccggccg ccagatcgac      360
cacctgaccg gcctgaccgg cctgatcgac cacttgacca gccactcctc tgtctggaat      420
tagaagatgt gtttccatca taatattctt caatttcagg taatttggct ggcaactgaga      480
gtatccagtc ggaatcatgc cactctgcct gtaacctttc tgactcagtt gtaggaacat      540
caaagcaaac acccatattt cctttcagga ggtaactctga gacactgcat      600
tactactcag ctttctgtta agttctttcc aagcacagct gacatcctgt atttcctcta      660
ggctttccag agtcatggtc acaaacacct tatcagaggt gatcaaagat cgtggttcaa      720
agcttgatgc accagaaatg tgggctaaag ctgcagccaa tgcattccact gcacctttct      780
cttctatcag tctctgagct gatggtcgga aaaaatcaac agcagcataa gaaacggaag      840
ccagagacct gatggcatcc atgcttttag atttaactaa atccattgta gaaggaacac      900
ctacacgttt aaaagtaatt cctgcttttt gttccacata tcttagttga cctctttctc      960
ttggttgata aaaacatata caaatccctg tccgtccagc tctacctgtg cgtccagagc     1020
gatggatata ggactcaaca tcttgaggag gagaactttg aatcaccagg tcaacttcag     1080
gaatgtccaa accacgggca gccacattgg ttgccacca aactttaaaa ctaccttctc     1140
tgaagccttt tagtgtaatt tctctttgtg actgtgcaat gtcccatgt aaacactggg     1200
cattctgttt tatgtgtgga ttcatggcca tttcagttac attcttcttg gtctcacaga     1260
aaataatagc cctcccttca gacctactgt agacttgaag gacatctcca ataactgctg     1320
gcctctgaga ccaatgacac tggatggcca aatgttccac agtagttgca gccttttgag     1380
tcatttttcc atcaaggtca acctgttcat atctggattt catgtatttt ttctgcaact     1440
gtgtataccc actgtgggca agttgcagaa aaaagtaaag tctgaggatt gtcttcagaa     1500
tcagttttgt aggattcatg aataatatct tcaacttgtt cagcgaaacc taaatctaac     1560
atctgatcca cttcatcaag cacaacatgt cgcagtttag aaagatccaa tcggccactc     1620
tgcagatggc ctttgatacg accaggtgtt ccaaccaaga tgtcaatacc atttcgaata     1680
tgattaattt ggctttgata tgatgttcca ccataaaaac gcgccacggt gagtttccta     1740
gattatatct ttgaagtctc tggatacgtg gtttgccagt tcccgtgttg gagccaaaac     1800
aagtaccttt ggtgagcggg                                     1819

```

```

<210> 2890
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(557)
<223> similar to gil850850 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2890
cggacgcgtg ggcggacgag tgggctgtgg tctgccctga tagccaagag gactcagaga      60

```

```

cccgagcaca ggaggacagt ggctctgagc agcctcccga cagcgtcctg cctgacaaac 120
tgaagggtgag ctggggagaac cccagccccc aggaggcccc tgctgcatag agtgacagaac 180
cgttccaggc accctgttct gagacttctg aggttgcccc cagggagggt gggaagcccc 240
ctacaccccc acccaagatc ttatcagaga aactgaaagc ctccatgggt gagatgcagg 300
cttctggggc acctgctcca ggcacagtgc aggtctcagt gaatggcatg gatgacagtc 360
ctgagcctgc caagccctct caggctgagg gcaccccagg aactcctcca aaggatgcaa 420
caacatccac agcactgccc ccctgggacc tgccacctca gttccatccc cgctgctcct 480
cccttgggga cttgcttggg gaaggcccgc ggcattccctt gcagcccagg gaacggctat 540
atcgggcccc gctggagggtg aagggggcct ctgaacagac ggagaaaactg ttgaacaagg 600
tgctgggcag tgagccggcc cctgttagtg ccgaaacatt gttcagccag gctgtggagc 660
agctgaggca ggccacccag gtcctgcagg aaatgagaga tttgggagag cttagccagg 720
aagcacttgg gctaaggag aagcggaagg agctggtgac cctctacagg agaagtgcac 780
cctagggcg

```

```

<210> 2891
<211> 1264
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (94)...(745)
<223> similar to gi4731584 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2891
ctctagtgtc ggaaatttat ctttgacaga ggaagaatgc ttttgaaaac agttcttacg 60
tgattttatg taacttaatt tgccctggaa aggaaatgtc tcgtctctgg tatgggaaaa 120
aaggggagaag acatcaacca attaatacata aatacactct gattactaca agggaagaca 180
taaattcaaa gcaggttgct acagtgaag cagacctgga gtctgaatct tttcgaccaa 240
acctaatgta tcccagtga cttttactgc cagatcaaat tgaaaagctt accaagcatc 300
ttccaccaag aacaattggc tatccatgga ctcttgttta tggtagctga aaacatggca 360
caagcttgaa aactctttat cgaacaatga caggtttaga caccacagtg ctgatggtga 420
ttaagacag tgatggacag gtttttggtg cgtagcatc tgagccactg aaagtgagtg 480
atggctttta tggtagctga gagacctttg tttttacatt ctgtccggag tttgaggtct 540
ttaagtggac aggagataat atgtttttta tcaaaggaga catggattca ctacttttcg 600
gtggtggagg aggagaattt gcgctttggc ttgatggaga tctctacat ggaagaagcc 660
attcttgtaa aacgtttggg aatcgtagac tttctaagaa ggaagatttc tttatccaag 720
atattgaaat ctgggctttt gaataaataa aatgctctct gtcttagcag gagaatggcc 780
caaacctgac atggacaagc attgtttgga aagttcaaga agcaatacag tgtaacatgt 840
cacttggtct ttaaaattag tctgtatcac catttattac agttataatt ttggagttta 900
tttttcaaat catgttcttg tcccagagtt ctttaggta acactaggga ctgcgtccat 960
gtactagtat aacagcttgg gtttggttaga atttgggcaa cattttgatt ataatgacaa 1020
cttcattttc acatgttact cagttcccta ataggatggt gctcttttgt tgaacctgta 1080
ttgatttttt tttttttaac tatattgatt cgtttactaa aacagtctaa ttggggcatt 1140
gaggaaatga agactggata cttctgtatc tgtgaagttg gcacaggtaa catttggaac 1200
tgttcatctt attcttagga aggaaaaaat cacttgccaa aataatacat acttcataga 1260
ccaa
1264

```

```

<210> 2892
<211> 1265
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1266)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1267)...(256)
<223> similar to gi6018392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2892
tttttaaagg ttttaattca atatatttatt atagtccacc gtatataaga taatatttca      60
tgtaggggta cactgatgga tagtctagnc aaaagaaata tgctagcaca ggggtgggtaa     120
ctgaccaact aaggatgcac tgaaccaaca gactacttca gtaagtcctt gattattgcc     180
agctttttcta taatgttcag gttctcaaag gtcactgaat ttataatta tctccaaaca     240
atctttcttca tgggtcattt aaggctttgt ctaaacaggc tgggtgtgtt gccaagcgac     300
atcaaccatc tcctctgctt aattctgctt ccaaataaac ttcagtggca ccagaaaaat     360
cagcatagga gtgaagactg ttatcgccctg tcagttctac ttgtgctgta tcagatcgca     420
atttccattc tactgttcca gtctgaaaag tttgactact tgttctaata gaaatgctat     480
ctacttttag gccaaactgac ccacactcaa acttccagga aatataagca aaagatgatc     540
cttcctttcg ggccaaatat accatgtgcc agtctgtttc aacttttctg aatatagatt     600
ccattttcca cagccatttc tcccatccag aaatgggttg attgttattt gaaactcgaa     660
cataacgata tttcacaata ttgtaacaaa ggtggagctg tttagaaatc ttctcatttt     720
cacagggaat aaacaagggt tcttttctct gtagacccat ttcacctcg gctactctcc     780
aagccactga cccagatatt cttcccccaa gttctccagg tttaggggtt ttgggagata     840
taaattcaac aagctccaca attatcctct ggagaagttc tttccttctg ttttctgaca     900
aaaacagttg cctctgctta ttaagcccat taatagtgtc tcgaagtaat gcttctttta     960
ccttagttct tctggcaatc acctcttcat gtttgagga atatcgccaa gtgacatcaa    1020
ctacctcatc ttttgaaaat gctatgacat aggaaagctt cttgccccat cctatttcat    1080
aaaggagtgg cttgtcacag acatcttcac atgcatcaca gtgcagccac cgctgctgag    1140
aaggagaata gacttctgtc cagacatggt ctgtgtaatc ccaaacatag cgagcttcaa    1200
accctacagc tcggcagcac agtgtaaaac aattggccca ctcgccacac cgtccacatc    1260
ttggtt                                     1265

```

```

<210> 2893
<211> 1113
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1114)...(1034)
 <223> similar to gi4101166 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2893

aaaaatgcgg	tgccacgcgg	cttttcccgt	cctttccggt	gtaacaccgg	gcccagtttt	60
gctatttagg	aggccctaaa	caaagtgttc	cactctcaag	gccccgctgc	tgaaacatgg	120
ccactttaaa	gggcccggcc	cttttttttt	ttttgaaaaa	agtccatgga	ggcccatggg	180
gttgggcttg	tatactagct	ttgggggggt	cgagtcctgc	gctgtttttg	tcgagatgtt	240
atggagacgg	gtttctttcg	aatgtcgtgg	tacgcggctg	gggggcatcc	catatcagtc	300
actcccaggt	ttatggaggg	gttcttccta	ctattaggga	ctttttcgct	tccgaagcga	360
agggtcttct	caaataaatg	aaaattatta	attattactg	gtggtttagag	aaaatgaaat	420
gagccttaaa	gatgattagg	atgttttcat	gttgggtgta	tgcatccggg	ggtagtcccg	480
agttaaacgt	cgggggcatt	ccggtatagg	ccccgaaaaa	agtgtttgtg	ggaaggaaaa	540
gttaagattt	accgccgatt	gaattatgat	aggtgaaatg	ggatttttgc	cggtaggttt	600
tgtcttaagg	gggtgtaccc	ctgagaatag	ggggaaaaatc	agttgaatgg	aagcctccta	660
ttgatggcaa	atacagcttc	ctattgatag	ggacataggt	ggaagtgagc	ttacaacgta	720
gtacgttgct	gtgtaagtac	gaatgtctag	tggatgagtt	tggcttatac	aatgccagtc	780
cagggccacc	ctacgggtga	aaaagaaaga	tgaattccta	gggcttcaga	gcacttgcag	840
cagaatcatt	cataatgggt	ttccggggag	tgtggcgaag	tcagctaaat	acttttacct	900
cccgtgggga	atagcgatga	ttatgggtgac	cgagggggaa	atatgctcgt	gtgtctacgc	960
ctatttctac	tgtaaatata	tggtgtgctc	acacgattaa	cccttaggaa	gccaaatgaa	1020
tttatagctc	aaaccctacc	tatgtatccc	aacgtttctt	tttttccgag	tagcaagtac	1080
aatatgggag	attattccca	accccgcctag	gat			1113

<210> 2894

<211> 862

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (857)...(788)

<223> similar to gi2226004 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2894

aacggtggct	cctcgaggct	cacggtcccg	gagatgggat	ttcgccatgt	tgcccaggct	60
gatcttgaac	tcctgggctg	aagatatcca	ccctcctcgg	cctcccaatg	tgctgggatt	120
acaggcctga	gccaccatgc	ctggcccaag	tgttcattga	tgatgagaga	tgggcttttc	180
gcatcaaata	acaaaaatat	gctgagtaat	gtgaggatcc	ttgcttttct	ggaagctaac	240
acatagtcag	tgccaaagta	gtgacagaag	aaatcttgag	aggaagcatt	tttgtcttgt	300
acttgaaaca	gctgctgggc	ccaccatggc	tcctgtgaag	atcagccatg	tggtatcatt	360
ttcttctcag	gatcccaagt	atcctgtaga	gaacttgcta	aaccagata	gtccaaggag	420
accttggtct	ggctgccctc	aggacaagag	tgggcaattg	aaagtagaac	tacagctgga	480
gagggcagtg	cccactggct	acattgatgt	gggtaactgt	ggctgtgcgt	tcctgcaaat	540
tgatgtgagc	caccatgcct	ggccaagtcc	tcatactatt	tctgtcacat	ctgcagttaa	600

tttctccac	tgaagtcttg	aaagcccact	aggagggttg	gaatcaactt	cttccaaatt	660
cacattcatg	ttgatgctgt	gacctcctcc	catgaatcac	cagtattctt	aatggcatcc	720
aagatggtaa	attatttcca	gaaggtttta	atttactttc	ctagatccat	cagaggaatc	780
gctatctata	tggcaaatat	agccttacag	aatttatttc	ttaaatagca	atgcttgaaa	840
gttgaattac	tccttgaaaa	aa				862

<210> 2895
 <211> 1856
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1685)...(624)
 <223> similar to gi4544440 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2895						
ccatgtaacc	ctcataaacc	aaagcgcctt	ggggccctca	gtggtttgta	ggattctaag	60
agctctgtgc	tccctaaggt	aatctgggtg	cctcctccca	cagagctcct	ggactctaac	120
aaagtccaga	accttttcat	tcattgatth	aaacacacat	atttgggtca	tcccatagct	180
tattcagagg	aaattaaaag	ttcagaagct	tctagagtga	ttgtcaatgg	gggaaaatat	240
gatacaaaact	gtatattaaa	gtgatctttt	attaaactat	ttactgctta	gtctaaattc	300
aggtagagca	gtcaaagaaa	gttatccatc	aactttgttg	aattcatatc	tttcatttta	360
gaataacagc	agactttaag	catgtattat	ttttccagtg	ttcagcttag	tctaagactg	420
tgtgagtctg	gtttgatcca	ttgccgtgaa	gaatacacag	acagcagctg	taatgagcag	480
gtgcattccc	tcgtagagaa	gttttgagaa	aaatacactc	catataaata	aatgataacg	540
cagagatgtc	accaaaccga	tgtacgtgaa	aactggaata	gaacaaatca	gtgcgtagca	600
gaagcaagca	tgactcagtg	ctgaaccact	gcgtgtttct	gagctcagga	agtgcactaa	660
gtggctggcc	cacagcacag	gccctgcgta	cgtcccaaac	gctgtcagga	gcacggctgg	720
gatttccacg	taggtgtcta	agcccacgaa	gcctgcggag	atgtccacgg	tggcaatgth	780
gttgaggttg	ccctgaaaat	agaagaatgc	ttgaccaaac	caataatgca	tcacagtaat	840
ctcagctgca	tcgtgtctca	ggggcttcca	gatgaattta	gtcattagag	tctgaatcaa	900
gaggctaaat	gctaagaccg	gaagattatg	tgggtctaaag	agcaaggctg	ccagaagaac	960
taatccacta	tatatctccc	ataaacctac	agtcttgagt	ttgaagtctg	cagcaatgac	1020
ttgagattta	agtaagtctt	tgggtgcccg	gaacagaatg	ccaaggacaa	agacataaac	1080
aaaacgagct	tcaataatac	ccttggaat	gtccttgctg	tccggccgcc	acgggaaccg	1140
gacactcccg	atggccgccc	ggtagcagta	gacgcccagc	agccccagcg	ccagggcagc	1200
cttgagacac	ggggagcacc	ccctctgcac	cagcacaaaa	actacgagga	gggagagggc	1260
agccaggaca	gagagctcgg	ctttgtggtc	agagctggtg	agccagtggc	cgaggtcagg	1320
ccggtgagcc	cactgcacac	ctgtctgggt	tagggagcgc	agcagccggc	agcaggccag	1380
tattagccac	ggactggcca	gcaccatcca	cttctcgcgg	cctttgagca	cttcggagggt	1440
agaggggctt	ccgtggcctt	tgtctcgctc	caggacatca	cagccaggcc	cgtcctgcca	1500
cgtgctgtg	gccccgtcat	gcccttgttc	cacacagagg	ccacacggag	gctcaccgtc	1560
atctcccaga	aagtagtttc	tgtaggtttc	ttggctcaga	gctagacaca	gggtgttcac	1620
aaggaagtac	caggtctggt	gtcctcctc	cacgaagctg	ctggcgccca	ggctcaagac	1680
gtggcccgcc	gtccccaaca	gaataagaag	gtctagctct	gaccaccttg	agctgggatg	1740
catggggttc	ttccttgggg	tgtttccacc	cacgagcacg	ttggctcagaa	cagacacacg	1800
gacgcgtggg	tcgacccggg	tactgcgggg	cgtctaattgc	aggggtcaat	gggcgg	1856

094037E.013100

<210> 2896
 <211> 2569
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (261)...(41)
 <223> similar to gi4240243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2896

ctagggatct	gtaaaatcta	ttttgtctta	accaaagaac	aaatTTTTga	catatcttga	60
ataggatgac	tataaattat	gactttttaa	ttgtcgtaat	ttttgtacta	ttatctgata	120
tttttatttt	tatgtatttt	cgtaagtagt	ttagagatag	tcacatttta	aaaatctaag	180
atcaagcaaa	tgaagcttat	ttttatgtat	tcatagtata	aaagaccttc	agtaaatagg	240
taatattttt	gttttattct	agaaaacagc	tccttgaaca	cagtgaagctg	gcttttcaca	300
cattgcagtt	gttagtgttt	actgcccttg	ccattttaat	tatgaggcta	aagatgtttt	360
tgacaccgca	catgtgtgtt	atggcttcct	tgatatgctc	tcgacagctc	tttggctggc	420
tttttcgcag	agttcgtttt	gagaaggtta	tctttggcat	tttaacagtg	atgtcaatac	480
aaggttatgc	aaacctccgt	aatcaatgga	gcataatagg	agaatttaat	aatttgcctc	540
aggaagaact	tttacagtgg	atccaaatac	aataccgtac	cagatgctgt	ctttgcaggt	600
gccatgccta	caatggcaag	tgtcaagctg	tttaccttc	atcccattgt	gaatcatcca	660
cattacgaag	atgcagactt	gagggctcgg	acaaaaatag	tttattctac	atatagtcca	720
aaatctgcca	aagaagtaag	agataaattg	ttggagttac	atgtgaatta	ttatgtttta	780
gaagaggcat	ggtgtgttgt	gagaactaag	cctgggttgc	gtatgcttga	aatctgggat	840
gtggaagacc	cttccaatgc	agctaaccct	cccttatgta	gcgtcctgct	cgaagacgcc	900
aggccttact	tcaccacagt	atttcagaat	agtgtgtaca	gagtattaaa	ggttaactga	960
gaaggatact	acccatttta	ctatggcaca	atgccgtgtg	tcaaaaacaa	tcaccctttg	1020
gcttattcac	attaataaaa	atcacaagct	ttaataacag	acacttaaaa	ataagataaa	1080
aatggattgg	aaatTTTTct	gattactaaa	aggtaaatta	cttttctggt	cattgaatgt	1140
cagccttatt	aagcttgtca	tataagttat	taaatcattc	atgtcatact	gcataaacia	1200
atgttcattt	cagaatttta	aagagaaatg	tatataaaaag	aacaatgaat	tttaataaat	1260
caggggtatg	taagtccttt	ttcatccaac	taggtgaatt	gcttcagatt	ttctctagta	1320
ccagagggtta	cctcctcaaa	ctctttgaac	cacttaaggc	agaagaatgc	aagctctgaa	1380
atgacatcct	taaaatgctg	atactggtca	cagcctcttt	acctctgtga	ggaaattgta	1440
acagtgtgtc	ttttaagggtg	tttttatttt	accagccctt	aagaaagatc	tctaatacct	1500
tttaataactt	ttttttaata	atttcaagggt	gaagtgtttt	taaaaaact	ttgttttgta	1560
atgttttgaa	tctcttgaga	tgtgtttacc	ccactagata	catatttgcc	actggttagt	1620
tctccatcta	agctcaagag	gttattcatc	tctctttaga	ttccagtggc	ttttctttta	1680
acatccaggt	aaaacagaaa	ctgctatggt	atacaaccaa	gttttgggggt	taaacataat	1740
cagaaaagaa	aatccagtta	aatttatgaa	gtgagatttt	cagatcctag	atcttgaata	1800
aaggaaagggt	cttttcatct	tgatggcccc	aaagcttggt	ggatcatggc	tttatttctg	1860
gccactatct	tcttaataaa	tatatTTTTa	agccctcatt	tatttttggt	tttgggtgag	1920
gaaagtcatg	tttttctaagt	cctctccctt	aataaaacct	acccaacaat	agtgccttga	1980
aaagtggtag	ttatcttgaa	gatactcttg	ccaaatgcaa	agataaacat	tctttttgtc	2040
tgctttataa	atatgaaata	tgccagatct	atagtatttt	aatgtgcata	tactttaaat	2100
gagtcattct	gggggttttt	taattccctt	atgttctcgc	ccctctacac	ttgaaataac	2160
aaaatgcctt	aattttatgg	attagttctc	ttatagtaga	caggcagcta	tatgcagcaa	2220
aaccaataaa	gttatttttt	aactttcata	gttgtaaaat	atcttataac	agaatacaaa	2280

acagctaaga	aaacatgccca	cattttat	tagcattttc	aaataatttg	tttttggtgt	2340
aagcacagga	taaaaaagga	gagcgtaaaa	gaaaagagac	ataacaccta	acattcataa	2400
aaattaacaa	agtatatttt	ggatgatgtt	tttacaggaa	atatttttaa	taagttggta	2460
gaacttttaa	aatggtactg	tattagctaa	taaaatattc	agtacaaata	tatgtttgga	2520
tttatgcatt	aaaaaactaa	taaaattatt	tccaacttta	aaaaaaaa		2569

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<210> 2897
<211> 1022
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1020)...(638)
<223> similar to gi5262560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

ttttaatttt	tttacaaca	tttatcttc	atggtttggg	aggctgggaa	gtccaatatc	60
aaggcactgg	catagtccat	gtctgggtaa	agggcctgct	ttcccgggtc	aaaagatagc	120
tatcttctca	ctgcaccctc	tcatggtgaa	gggcaaagct	agctctctag	ggattcctat	180
caggaaacta	atcccaatta	caaggcctcc	atcttcatga	tgtcctccaa	tcctaaaaac	240
caccagagac	agggccttca	aataccatca	cattgtgggg	gagagggggg	ggcacggggg	300
taaggtttca	acatatgaat	ctgagggtggc	atacactcag	ccaaaacatt	acacctctgg	360
cccccaaat	ccatgtcatc	acatgtaaaa	tatattcatc	tcatcccaaa	ggcctcaaaa	420
gtctcagtta	attccagcat	gaagccctaa	tgtttaaact	caaactccaa	agtgtcatct	480
caatatcaca	tcactcagat	atggatgaga	ctcaattcat	gctgaggcaa	aattcttctt	540
cagctccgaa	ccggtgaaaa	ccaaactagt	catgtatttc	caaaatatga	gacaggcaca	600
ggatagagat	tcctattcca	aaagtggaga	acaggagaaa	ggggtgagct	cccaaacaag	660
tctgaaaccc	agaaagcaaa	ctgaagactt	tccatattct	ttagatatgt	agatacttgt	720
agacctgtcc	tccactattc	attttcacag	gtattcgaag	gttgtgtgat	aaatgaaagc	780
tttccacat	tctttacgta	aggtttatct	ccattatgag	ctctttcatg	tctttgaaag	840
gaactggaat	aactgaacgt	ttttccacat	tgcttacatt	catagggttt	ttctccggta	900
tgagttcttt	catgtattct	aatggaactg	gcataattga	atgctttccc	acattcttta	960
cattcatagg	gtttttctcc	agtatgagtt	ctttcatgtg	ttcggacaga	actaggacag	1020
tc						1022

```

<210> 2898
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (385)...(116)
<223> similar to gi2773345 in the genepept database release 114,

```


Run with FASTXY 3.3t00, default parameters

<400> 2898

aataaagaca	gttgatgtgg	ccacccaaaa	accatgatag	ctcttcagtt	aactatgttg	60
gaagttctaa	tatactccac	aatgtgaaca	cagtcagatt	ctatttctgc	atcaaaaagt	120
gttggttgaa	gttgtcagat	atatttcaat	atagaacccc	cattcaatga	ctaggagatg	180
agagagcagc	agagatggga	aaaaaagctt	tataaaattc	ttctgaaatt	ctgccccctt	240
tcttcataat	gctcatgttt	ctcatgctga	gagtaattgt	gcactttggg	tggtttagaga	300
gaaattgctt	ttaggggact	atcttctggc	tgacttgatc	aatcttatat	ctaaactgag	360
ctttttctca	agatcttttt	tctcaagatc	tttttag			397

<210> 2899

<211> 1106

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(778)

<223> similar to gi4240325 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2899

tcggacgcgt	gggcggaagc	gtgggctcgg	tcgcttagtg	tgtctcctag	ttcctatcct	60
gaactacaca	ctgaagttcc	actgtctgtc	ttaattctgg	gattgcttgt	tgttttcatc	120
ttatctgtct	gttttggggc	tggtttatcc	gtctttgtct	tgaaacgcgc	aaagggagtg	180
ccgagcggtc	ccaggaatac	caacaactta	gacgtaagct	cctttcaatt	acagtatggg	240
tcttacaaca	ctgagactca	cgataaaaaca	gacggccatg	tctacaacta	tatcccccca	300
cctgtggtac	agatgtgccca	aaacccccatc	tacatggcag	gaaggggaagg	gagacccagt	360
agcctattac	cgaaacctgg	caaggagttt	cagctattag	gcaacctgga	ggagaaaaaa	420
gaagagccag	ccacacctgc	ttacacaata	agtgccactg	agctgctaga	aaagcaggcc	480
acaccaagag	agcctgagct	gctgtatcaa	aatattgctg	agcgagtcaa	ggaacttccc	540
agcgcaggcc	tagtccacta	taacttttgt	accttaccta	aaagggcagt	ttgccccctt	600
ctatgaatct	cgacgcaaaa	accaagacag	aatcaataaa	accgttttat	atggaactcc	660
caggaaatgc	tttgtggggc	agtcaaaacc	caaccaccct	ttactgcaag	ctaagccgca	720
atcagaaccg	gactacctcg	aagttctgga	aaaacaaact	gcaatcagtc	agctgtgaag	780
ggaaatcatt	tacaacccta	aggcatcaga	ggatgctgct	ccgaactggt	ggaaacaagg	840
acattagctt	ttgtgtttgt	ttttgttctc	cctttccag	tggttaatggg	ggactttgaa	900
aatgtttggg	agataggatg	aagtcattgt	ttgtctttg	caagttttcc	tttaaattat	960
ttctctctcg	ctctctctct	ccactcccca	cactgaaaaa	caaagaagaa	aaaagaaaca	1020
aaaccataaa	caaaatctat	gaagaaatgc	attgtagaaa	cattcatgtc	cactgatggt	1080
tcctaagaag	agaagggaaa	aagaaa				1106

<210> 2900
 <211> 1999
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (127)...(1415)
 <223> similar to gi3877186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2900

ctggacactc	aggtggcacc	aggtttcttg	tgctcccagc	gccctgccc	cccttgagc	60
caggcacaca	gtgacgactc	ggaggccacc	agcctgtcct	ctgtggccta	tgcctttctg	120
cccgaactcc	acagctacac	catgcaggaa	ttcgcccggc	gttacttccc	ggaggtccca	180
ggccttgctg	ggccagactg	atggaggtgc	cgcaggaaag	gacacggaca	gcctgggtgca	240
gtacaccaag	gctcccaccc	aggagtcgct	cctcagcctc	agtgatgatg	tgagcaagct	300
ggctgtagcc	agcttccttg	ccctgatgcg	gtttatgggt	gaccagtcca	agccccgggg	360
caaggatgag	atggatctgc	tctatgaact	gctgaagctg	tgccagcagg	agaagctgag	420
ggatgagatt	tactgccagg	ttatcaagca	ggtcacggga	cacccccggc	cggaacactg	480
cactcgaggc	tggagcttcc	tcagccttct	cacaggcttc	ttcccccggt	cgaccagggt	540
gatgccctac	ctgaccaagt	ttctgcagga	ttcaggcccc	agccaagagc	tggcccggag	600
cagccaggag	cacctccagc	gcacagtcaa	atatgggggg	cgccggcgga	tgccccacc	660
gggtgaaatg	aaggctttcc	tgaaaggaca	agcgattcgc	ctgcttctta	ttcacctgcc	720
ggggggtgtg	gattatagga	cgaatatcca	gactttcaca	tctgtccaca	tgcccaggta	780
gcagcagaag	tgccaggagg	gctgtgcccg	caaattgggt	tcacggagcc	tcagggaagt	840
caggaattcg	ccctcttccc	catcaaagag	aagagccagc	tggtgcggcc	cctgcagccc	900
gccgaatacc	tcaacagcgt	ggtagtgga	caggacgtga	gcctgcacag	ccggcgggtc	960
cactgggaga	ccccactgca	cttcgataac	tcacctaca	tcagcacc	ctacagccag	1020
gtgctgtggg	actaccttca	ggggaagctg	ccagtcagcg	ccaaggcaga	cgcgagctc	1080
gccaggctgg	ccgcccgtca	gcacctcagc	aaggccaaca	ggaatacccc	ctcagggcag	1140
gacctgctag	cttacgtgcc	aaagcagctg	caacggcagg	tgaacacggc	ctccatcaag	1200
aacctgatgg	gtcaggagct	gagacggctg	gaaggacaca	gccccaggga	agcacagatc	1260
agcttcattg	aggccatgag	ccagctgccc	ctcttcggct	acaccgtcta	tgggggtgctg	1320
cgagttagca	tgcaggccct	gtccggaccc	actctcctgg	ggctcaaccg	ccagcatctc	1380
atcctcatgg	accccagctc	ccagagcctg	tactgccgca	ttgccctgaa	gagcctgcag	1440
cggctccacc	tgctaagccc	tctggaggag	aagggggccc	ctggcctgga	agtcaactat	1500
ggctcagctg	acaaccccc	gaccatctgg	tttgagctgc	cacaggccca	ggagctgcta	1560
tacaccactg	tcttctgat	agacagcagt	gcctcttgca	ctgagtggcc	cagcatcaac	1620
tgagaggagt	gcaggccggg	gagagaagag	gatgaggcct	cccccgccc	aagtctcacc	1680
cacatggtct	gccttggaatg	ctatcagatc	actgttctag	aacctgcctc	agcacagccc	1740
agccggccca	catgcaggcc	atgaggcagg	ggctgctatc	acgtcaccag	caggcaaaga	1800
aaacagccag	accctctcca	ggacggcctg	gggccaagc	gggctgcagg	aactcggctg	1860
gggcacctga	ggttgcccag	tctgaggagg	atgccacccc	gacccaggcc	tccgcccagg	1920
ccccacatta	gcacaagccc	aggcatggga	gaaacagctg	ctgaggaaat	aaaactccct	1980
ggagaagtcg	acgcggccg					1999

<210> 2901
 <211> 2646
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2647)...(2273)

<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2901

gtcacagcac	cggcagcggc	gcctgcagga	ccatggcaag	gagaggaagg	agcttttctc	60
cacaaccact	tcccagtgtg	cagagaagaa	accagaagcc	agtggcccag	aggctgagcc	120
ctgcccagag	ctccacacgg	agccagtgga	gccactgact	cgggcatcct	cggcaggccc	180
tgaggggtgga	ggagtccgcc	ccgagcagcc	ctttattgtg	ctgggacagg	aggagtacgg	240
ggaacaccac	tcatccatca	tgactgcag	agtggattgc	tctgggagga	gagtcgccag	300
cttagacgta	gatgggggtca	tcaaagtgtg	gtccttcaac	cccatcatgc	agaccaaagc	360
atcctccatt	tccaaatcac	cgctgctgtc	tttggaatgg	gccaccaaac	gggacagact	420
gctcttgctg	ggcagtgggtg	tgggaacagt	gcgtctctat	gacacggaag	ccaagaagaa	480
tctctgtgaa	atcaatatca	acgacaacat	gcccagaatc	ctgtctcttg	cgtgcagccc	540
caacggggcc	tctttcgtct	gttcggcagc	agctccgagc	ctcacttccc	aggtggactt	600
ctcagcacca	gacatcggca	gcaagggcat	gaaccagggt	cctggcaggc	tgctgctgtg	660
ggacacgaaa	accatgaagc	agcagctcca	gttctccctg	gatccagaac	ccattgctat	720
caactgtaca	gccttcaatc	acaacgggaa	cctgctggtc	acagggggcag	ctgatggcgt	780
catccggctg	tttgacatgc	agcagcatga	gtgcgcgatg	agctggaggg	cccactacgg	840
ggaggtctac	tctgtggagt	tcagctatga	tgagaacacc	gtgtacagca	tcggcgagga	900
cgggaagttc	atccagtgga	acatccacaa	gagtggcctc	aaggtatccg	agtacagcct	960
cccctcagat	gccacggggc	cctttgtgct	gtctggatac	agcggctaca	agcaggttca	1020
agtccccagg	ggccgactct	tcgcttttga	ctcggaggga	aattacatgc	tgacatgttc	1080
tgccaacagg	ggcgtcactc	acaagctggg	tggcgatgag	aaggttctgg	agagctgctt	1140
gagcctagggt	ggccaccgag	cccctgtggg	caccgtggac	tggagcactg	ccatggactg	1200
tgggacctgc	ctcaccgcct	ccatggatgg	caagatcaag	ctgaccaccc	tcctggccca	1260
taaagcctga	tgacttgccc	caagggccac	ccgaggaagc	agtattatct	gcgggtggggg	1320
gaggagatat	aggacaggaa	aaccacgtgc	tccactccag	ctccctgcca	gtgcagtgc	1380
tctgcaggga	aagactggca	aggaggctca	ggtgcttcca	tctgtgggtga	ctggaatggg	1440
accacgtgg	agtaggtgac	atatgcttcc	cagagactgg	tattgtggct	gtgccaggag	1500
tacatgtgag	actatgggag	gaaagctccg	gaagaaggag	aaacattgca	gtggctactg	1560
tgttggccca	gtagaaattg	acagtatttt	gtatatatgt	gcccatttat	ctttttcttt	1620
tttaaaaaaa	gagaatactc	ttgtgggtccc	ctgatgtctc	tttctaggat	gtgtgtcact	1680
ttgcttcagt	gacagccctc	ccaccagacc	tggctctgct	ggccccgaac	tgaacctctc	1740
caggctctcc	tgttgctttg	ccatggagcc	aggtcagctc	tctgtctggt	ctgctgggta	1800
acaaggtttg	gcagttcctg	tttctctggg	cttaagtcaa	ggccacagaa	ttctttttct	1860
tccctgaaag	ctggcagctt	ttgttacaga	agattctcag	gatgaaggca	ggggctgagg	1920
cctctgctac	tggctgcccc	tttccatcca	gtggctgctg	tttcccaaga	cgggctaagc	1980
gtttcttata	tgaaatgctt	gggacaggag	tgttacagat	tttggatttt	ttcagacttt	2040
ggaatatattg	catatatata	taatgaggta	tcttggtagg	tctcatgtct	aaacatgaaa	2100
ttcattcatg	ttttatata	accttatata	tgtagcctga	aggtaactct	atacagtatt	2160
ttaaataatt	ttgtacatga	aacaaagtat	tgattgtggg	cagggtgtgg	atcttccact	2220
tgtggtgtca	tgttggtgct	cacagttttg	gggcccgggca	cgggtggctca	cgtctgtaat	2280
cccagcactt	tgggaggcca	aggtgggtgg	atcacttaag	gtcaggagct	tgagaccagc	2340
ctggccaaca	tggtgaaacc	ccatctctac	taaaaatacc	aaaattagcc	aggcatgggtg	2400
gcaggtgcct	ataatcccag	ctactctgga	ggctggggca	ggagaatcac	ttgagcccag	2460
gaggcggagg	ttgcagtgcg	ccgagatcac	gccactggga	gaacccaact	caaaaaaaaa	2520
aaaagtttgg	ggttatggac	cattttggat	ttgggatttt	ggggtaaggg	accctaacc	2580
tgaccttttt	tatttggggg	gctcctctaa	ttcttccaac	ggaacatttt	tggggaaaga	2640
tgaggg						2646

09403735.013100

<210> 2902
 <211> 2560
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(838)
 <223> similar to gi3881275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2902
 gcggccgcgg catagggggg cactgtggac ttgcgcgagt atgctggctg tgtcagtgtc 60
 ggccgcagtc cgcggcgcca gacgacggtg aggcgcgtcc gcgagagcaa cgtcctccac 120
 gagaagtcca aggggaagac gcgcgagggg gccgaggaca agatgaccag cggcgacgtg 180
 ctgtccaacc gcaagatgtt ctacctgctc aagaccgcct tccccagcgt ccagattaat 240
 actgaggaac acgtggatgc agcttgatca ggaggttattc ttgtggggat cataagattc 300
 ctgaggatat cctaaaggga agtaactact ccctaaagag gtaccagca gaaagtgtta 360
 ctgtctggat tgaccccaact tgatgctaca caggaatatt acagaggatc tttcgaaaagt 420
 acgtcactac tatggtgtgt gtggctgtaa atggtaaacc catgctagga gttatacata 480
 agccattttc cgaatataca gcttgggcaa tggtagatgg tggttcaaat gtgaaagccc 540
 gctcttccta caatgagaag accccaagga tcgttgtgtc tcgttcccat tcagggatgg 600
 tcaaacaggc cgctcttcag acttttgga accagactac aattatccca gctgggtgtg 660
 ctggttataa agtttttagc cttttggatg tgccctgataa gagtcaagaa aaagctgatt 720
 tatacatcca tgtgacatac atcaaaaagt gggatatatg tgctggtaat gccatcttaa 780
 aagccctagg ggggcatatg actaccctga gtggtgaaga aatcagttac actgggtcag 840
 acggcattga agggggactc cttgctagca tcagaatgaa ccaccaggcc ctggtcagaa 900
 aactcccaga tctagaaaag acaggacata aatgagcata actgattaca gggtagactt 960
 cttcacagct gaaatgggta gcctgagatg ctggaagctt caaaggattg gtggagacta 1020
 tgcattggtta aggccatccc gaacttttta aagtatttat gaagcatcag agacttattt 1080
 tccctgtaat agaatgcaaa atcagggaaa atgggttgct ttgtgtctca agtattgtct 1140
 ttatttttga gactattttc atacagttgt catacacaag gcgcataat atatttgtga 1200
 attaaaatct gtagctgagt ctacattgtt atgagtcacc attttcacac aacatcatga 1260
 atcttcaactg ttagtacttt catatagaat tcggttgaa gaaagattga tttttgtgta 1320
 gatgtttaat ataactttac aactatatct cattgaaaat aaagtcattg gggattttta 1380
 cctctaattt ggatggaaa cacaagaagc cacacattca ttaatatgca acaaatgttg 1440
 tatttatgtt actgaatatt tctatggatt aaaatagaaa aagtttaatt gattttttct 1500
 tttaaatttt aataacaggc tcaccagctg gtagaaaata gagacacatg atgactttgc 1560
 attggtaata atttctgtg tgtatgtgtg tgtgggtgtt ttgtttttat aaagaaatgt 1620
 tgttgtttgt acccatggag tttatcattt ttgccatgct tgctattttt ctatttacct 1680
 atagagaaaag atgctatggg tgatcctttt ccttctgtcc atcaacatta atcatttaact 1740
 ttggaagggt cgggtttaag gtttcagggt tagcactata gttttggttc attttctcat 1800
 taacgataaa atatgctgta aggcaactata agaataataa tgattctatt acaattgaaa 1860
 gttacttgac attacatgaa ttgaactgcc tttcattatc ttcagacact ttgttttagt 1920
 attttttttt taatttgcta ggtttgtata tagaagatcc tttcattatc aagaatgagt 1980
 atgggttgctt ttgccatggg tgcttttact attaataaat gtatctagcc taccctaaact 2040
 ctgtagtaac ttttgagatt ctcttaattt cccctcagat taaaatagag aagggtgaag 2100
 gtactttttg atgaaatttt tttctagtct ggtagaaaaa aaaaagttgt gacatattca 2160
 ttgtgttacc gtaactagaa ccttgctttg tgaactgtct ttcattggga tgtatggttt 2220

ctctcaatgt	gaaatctgga	aacttcatgt	aaactaccca	tgccgttatt	tcatgtgact	2280
ccagtgcct	tgtattccat	aacatgctga	tgagagggat	ttctcacggt	ttctttcttt	2340
gctaaatttt	ttaaccataa	agcagcttac	cctttatfff	cccatcttgg	aagtaaaatt	2400
gaccaaagaa	tgtacgttct	agcctggtgg	aatgtgcata	ctttaggfff	gtatgttaca	2460
ttgtccaaaag	ccctttactt	tcttattagt	aaactgaatc	taatatgaca	caaatgtfff	2520
cacccaatct	cttgcaactg	gtcaaattcg	agaaggtgtg			2560

<210> 2903
 <211> 1673
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1672)...(255)
 <223> similar to gi4263748 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	2903					
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aatacaaaaca	tggatgttac	tggagtttat	atfttttaa	tcaaaattga	aaaaatacaa	120
attgaaaaat	agaaatattt	aattatttaa	atftttctct	tcataattct	ttttgcgcct	180
ttgagttgaa	gccaaaaggc	tggccgtctt	cccttcacaa	ccgagatgtc	agtgtcaggc	240
ctcgggtggc	acggtgggga	cgggcagttt	agaattcagc	cttgaatcct	tcaactggga	300
acgatgttta	atfttgattca	ggttcgtaac	ggaaaacagc	tgttcacaag	cgtgggtact	360
cccaaacaca	gatattcagg	acaactactg	gagatagttg	tagaatctca	ccatcttcac	420
acagacttgt	atfttaggaac	cagcacccgta	ttgcactgta	gttcaattac	tatttatggt	480
ctgcattcac	acaagaaaca	tctgccaaaca	aaggcaaaact	ggacaatgtc	tgttccttct	540
catgagtctg	gattccgaga	gcctttgggg	gaatttggtc	ttcaacccca	ggacgtaggt	600
gaatacagtc	cgggccacct	ctttcatttc	tgaagccga	ctgcagcaca	ggaaagagta	660
aaggtttttt	ttccttgccg	gtggattccc	caggaccaag	catacaccat	catacattca	720
agtagctgtt	tgtggacatc	cttgcggaga	aatattcagt	gttcagaacg	gtcataacct	780
tgaccagaag	tctttgacta	accttctcag	gggaaccac	tgtggctttt	gcctgattta	840
aatgaacca	agttggttaa	cttgaacagt	tcagatttct	tccacaacca	agtcacagag	900
cttctgtgaa	atctctcagg	tcaagtcacc	atcaactcac	tcgtgactga	agtccaggag	960
cggaggtgtc	gagagcatcg	cgggtgtggt	ctggttcaag	ttgcttcaga	accaagtcaa	1020
actccttgat	gatggatgca	acggacccca	acttcccgtg	tccttgccaa	aatgtgtcgc	1080
cttggatcaa	ggtgtcctgc	caagtcccc	tgtcatgacg	ctgtcctgta	gttgtgtctc	1140
gggaactctg	gccagtctat	gtgaaacttt	tctctcaata	tacaaaaaaa	attagtcctt	1200
tccagtggtt	gggcctgcct	tggcaccatg	ccacagactt	cttcggtcac	atcaagattc	1260
ttaacaccac	aaataaataa	agctaaactg	gtggtaatag	tttatgagca	gcgaaagaaa	1320
aggccacaat	caatttgact	ctttcaagca	actggacttg	taaatcccc	gagttatctc	1380
caactcactg	tgaacgcaa	atgcccgta	gacttaata	acggtctcaa	cagtcatgtg	1440
tttctgtgca	ggacacgtca	ctctgtctct	ttataaaact	gccatctgct	gtagctctga	1500
atgccaggt	cattcttctc	acgtgattcc	ggaacggcgt	accactgccg	cgccacttct	1560
gttaattcgc	ttttcaaaac	aaaccctatt	gacatttgag	tccctttttc	agttcgttga	1620
ggatggcatc	tcgagtctgt	tctgtgtact	ggtcgtagct	cttactatgc	ttt	1673

0948375.0100

<210> 2904
 <211> 2142
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2143)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2014)...(719)
 <223> similar to gil778861 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2904

tttttttttt	ttacaggctc	aaaaatcaag	tttaatatca	aaagaagtta	cacataaagg	60
tttttacatt	tccgaaaatc	tgatagttaa	aatatcccg	ctggtggtga	ttgtgataca	120
cttaagtga	cccctgaaaa	cctttat	gaaattgaag	tttttgctca	gaaactgggc	180
agaacttttc	acattctgac	agaagataaa	acttaagtct	aaaaaatatt	cggtaacttt	240
tttctcaaaa	acattaagta	ctttagaata	taaagcagaa	actcttacca	agcatgtgta	300
cccatcagcc	acacctcctg	tctttggggg	aatttggtta	cttggagctc	tgtgggtgct	360
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ggctgatggc	agcaagcctg	ctacagtcca	gaagagtgcg	acttcttata	tttacatatg	480
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ctgtccttgg	aattgaaagg	gatgttgctc	tctttacaat	ctgtaaggcg	cctgtggtga	720
tcttcactaa	gcaacaatac	aatggttccg	ccaacatgaa	gcactctttc	catttcttgt	780
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attttatcct	caaggcctgc	agctttcaga	ttgtcccaag	tacctagtaa	ctgtgagtcg	960
ctgacatcag	cacctacata	atacacatct	ggccattctt	tagcagcttc	caaaagtatt	1020
gttccaagtc	cacacattgg	atctaaaaca	aatgcaccag	ccccactgtc	aggcccagtc	1080
gtgctcgaga	taggggagaa	aagacatcca	ccacttgata	tgtctacaga	ggaagcagag	1140
tcctcagtg	acagccaggt	ttcagtcaga	gccatatggt	accttaatgt	cagccagaga	1200
tgccattgcc	cacgctattg	tagatcgag	tccagctgtc	ttgatgtaag	ctctgctggc	1260
tagggaaacc	ctgaacacag	gaatccccac	cacagagtaa	atgtcattta	gatgtataaa	1320
gatctcta	tgtggattcc	tcaagtctgc	tttccatcca	aagtgtttca	taatagcaat	1380
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gttatcatct	ctctgagaaa	gtttttcctt	ttttgcatca	agttcaagaa	gatttttcca	1740
aattgaaatg	gcattcaacc	aacttcctgg	atcttcattt	ataagtcttt	gcatttcatt	1800
aaatatTTTT	cctttactta	cagaagaaat	aataagtggg	aactgctttt	taatcagcaa	1860
aaataatctt	tctgcagatt	ttaatttctt	caacatattc	aaatcagaac	aggtgggtgaa	1920
aaaaaccttt	cctgaaatat	attcaacctg	cgtggccggc	agccgcggcc	gcacctctcg	1980
cattacgaac	ggctccaggc	cgcgacccgc	agtgcagaag	aatcgggcgc	cagcctcagg	2040
cccggaacct	ggctctccac	acgaaatcgt	ggncccggn	nttctnnnn	ngtngntcnt	2100

09453705-012100

ncagtaccan ctacggatca ggatgngccg gcccgtcttc cc

2142

<210> 2905
<211> 2502
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(679)
<223> similar to gi2352427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2905
gggcaatggc atcaacgtcc tcaaaattgc cccgaatca gccatcaaat tcatggccta 60
tgagcagatc aagcgccttg tttggtagt accaggagac tcttgaggat tcacgagagg 120
cttgtggcag ggtccttggc agggggccatc gcccagagca gcatctaccc aatggagggtc 180
ctgaagaccc ggatggcgct gcggaagaca ggccagtact caggaatgct ggactgcgcc 240
aggaggatcc tggccagaga gggggtggcc gccttctaca aaggctatgt ccccaacatg 300
ctgggcatca tcccctatgc cggcatcgac cttgcagtct acgagacgct caagaatgcc 360
tggctgcagc actatgcagt gaacagcgcg gaccccgcg tgtttgtgct cctggcctgt 420
ggcaccatgt ccagtacctg tggccagctg gccagctacc ccctggccct agtcaggacc 480
cggatgcagg cgcaagcctc tattgagggc gctccggagg tgaccatgag cagcctcttc 540
aaacatatcc tgcggaccga gggggccttc gggctgtaca gggggctggc ccccaacttc 600
atgaagggtca tcccagctgt gagcatcagc tacgtggtct acgagaacct gaagatcacc 660
ctgggcgtgc agtcgcggtg acgggggggag gggcgcccg cagtggactc gctgacctg 720
ggccgcagcc tggggtgtgc agccatctca ttctgtgaat gtgccaacac taagctgtct 780
cgagccaagc tgtgaaaacc ctgacgcac ccgcaggagg ggtggggaga gctggcaggc 840
ccagggcttg tcctgctgac ccagcagac cctcctgttg gttccagcga agaccacagg 900
cattccttag ggtccagggt cagcaggctc cgggctcaca tgtgtaaggga caggacatct 960
tctgcagtgc ctgccaatag tgagcttggg gcctggaggc cggcttagtt cttccatttc 1020
acccttgtag ccagctgttg gccacggccc ctgccctctg gtctgccgtg catctccctg 1080
tgccctcttg ctgcctgcct gtctgctgag gtaagggtgg aggagggcta cagcccacat 1140
cccacccctt cgtccaatcc cataatccat gatgaaaggg gaggtcacgt ggcctcccag 1200
gcctgacttc ccaacctaca gcattgacgc caacttggct gtgaagggaag aggaaaggat 1260
ctggccttgt ggtcactggc atctgagccc tgctgatggc tggggctctc gggcatgctt 1320
gggagtgcag ggggctcggg ctgcctggcc tggctgcaca gaaggcaagt gctggggctc 1380
atggtgctct gagctggcct ggaccctgtc aggatgggcc ccacctcaga accaaactca 1440
ctgtccccac tgtggcatga gggcagtga gcacatgtt tgagggcgaa gggcagagcg 1500
tttgtgtgtt ctggggaggg aaggaaaagg tgttgagggc cttaattatg gactgttggg 1560
aaaaggggtt tgtccagaag gacaagccgg acaaatgagc gacttctgtg cttccagagg 1620
aagacgaggg agcaggagct tggctgactg ctcagatgct gttctgacgc cctgggggtt 1680
cctgtccaac ccagcaggg gcgcagcggg accagcccca cattccactt gtgtcactgc 1740
ttggaacctt tttattttgt atttatttga acagagttat gtcctaacta tttttataga 1800
tttgtttaat taatagcttg tcattttcaa gttcattttt tattcatatt tatgttcatg 1860
gttgattgta ccttcccaag cccgcccagt gggatgggag gaggaggaga aggggggcct 1920
tgggcccgtg cagtacatc tgtccagaga aattcctttt gggactggag gcagaaaagc 1980
ggccagaagg cagcagccct ggctcctttc ctttggcagg ttggggaagg gcttgcccc 2040
agccttagga tttcagggtt tgactggggg cgtggagaga gaggaggaga cctcaataac 2100
cttgaagggt gaatccagtt atttcctcgc gctgccgagg gtttctttat ttcactcttt 2160

05400735-01100

tctgaatgtc	aaggcagtga	ggtgcctctc	actgtgtatt	tgtggtgggc	gggggctgga	2220
ggagaggggtg	gggggctggc	tccgtcccct	cccagccttt	tgctgccctt	gcttaacaat	2280
gccggccaac	tggcgacctc	acggttgac	ttccattcca	ccagaatgac	ctgatgagga	2340
aatcttcaat	aggatgcaaa	gatcaatgca	aaaattgtta	tatatgaaca	tataactgga	2400
gctcgtccaa	aaagcacact	acgacagaac	tggacgttag	aagttgtcat	tataaagcag	2460
ccttctaata	aagttgtttg	caaagctgaa	aaaaaaaaaa	aa		2502

<210> 2906

<211> 2366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (161)...(1631)

<223> similar to gil86396 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2906

gcactatgtc	acattgccgt	ggggcagcag	atgaacctgc	actggctgca	caagatcggg	60
ctggtggtca	tcctggcttc	cacggtggtg	gccatgtcgg	ccgtggccca	gctgtgggag	120
gacgagtggg	aggtgctgct	gatctccctg	cagggcacag	cgccattcct	gcatgtgggg	180
gctgtggcag	cagtcaccat	gctctcctgg	atcgtggcag	gacagttcgc	ccgtgcagag	240
cggacctcct	cccaggtgac	cattctctgt	accttcttca	ccgtggtgtt	tgccctctac	300
ctggccccctc	tcaccatctc	ctctccctgc	atcatggaga	agaaagacct	cggccccaag	360
cctgctctca	ttggccaccg	cggggccccc	atgctggctc	cagagcacac	gctcatgtcc	420
ttccggaagg	ccctcgagca	gaagctgtac	gggctccagg	ctgacattac	catcagcctg	480
gacggcgtgc	ccttcctcat	gcatgacacc	accctgcggc	gcaccacca	cgtggaggag	540
gagttcccgg	agctggcccg	caggcctgcc	tccatgctta	actggaccac	cctgcagaga	600
ctcaacgctg	gccagtgggt	cctgaagact	gacccttct	ggacagccag	ctccctgtca	660
ccctccgacc	acagagaggc	ccagaaccag	tccatctgca	gcctggcaga	gctcctggag	720
ctggccaagg	gcaatgccac	actgctgctc	aacctgcgtg	acccgccccg	ggagcacccc	780
taccgcagca	gttttatcaa	cgtgactctg	gaggccgtgc	tgactccgg	cttccccag	840
caccagggtca	tgtggctgcc	tagcaggcag	aggcccttgg	tgcggaaggt	ggctcccggc	900
ttccaacaga	catcaggctc	caaggaggca	gtcgccagcc	tgcggaaggt	ccacatccag	960
cggctgaacc	tgcgtacac	tcagggtgtcc	cgccaggagc	tcaggggacta	cgcgtcctgg	1020
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gcgggggtcc	catccgtcac	ctctgacaac	tcccacaccc	tgcccagggt	gccttcccc	1140
ctctggatca	tgcccccgga	cgagtactgt	ctcatgtggg	tcactgccga	cctggtctcc	1200
ttcacccctca	tcgtgggcat	cttcgtgctc	cagaagtggc	gcctgggtgg	catacggagc	1260
tacaaccctg	agcagatcat	gctgagtgtc	gcggtgcgcc	ggaccagccg	ggacgtcagc	1320
atcatgaagg	agaagcttat	tttctcagag	atcagcgatg	gtgtagaggt	ctccgatgtg	1380
ctctccgtat	gttcagacaa	cagttatgac	acatatgcc	acagcacgc	cacctctgtg	1440
ggcccccgag	ggggtggcag	ccacaccaag	accctcatag	agcggagtgg	gcgttagctg	1500
aagacatgtc	tgtccacct	gtacctgaca	cagaagctgg	ggagcctagg	agagctggtg	1560
gaagtgtgtc	tgaactcgga	gtgctctggg	agcgggctcc	acagcctcct	tgtgggctcc	1620
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ggccaggact	ccatcctttc	agatgcccct	gcaggcctgg	ggctccttct	gggaagtatg	1740
gggcctaggg	cttggtcccc	ctcttctgag	gccctctcct	gtatcccagc	ctggaagctt	1800
tgatgggtca	tgggccatgc	cataccccct	gtggcaatgg	agtgtgtgga	tgctcacctg	1860

<210> 2908
 <211> 1632
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (70)...(1249)
 <223> similar to gi3638956 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2908
 gccaggggtc caggggaggg caggggtgag agggcaggcc cagcctgcc a gctgtgtggg 60
 gggccgacag gtgagggggc gtgttgtggg gcaggagggc cgggtggggg gcccctgctg 120
 cccccacggc tactgtactc atgccgcctc tgcaccttcg tgtccacta ctcgagccac 180
 ctgaagcggc acatgcagac acacagcggg gagaagccgt tccgctgtgg ccgctgcccc 240
 tacgcctcag cccagctcgt caacctgaca cgacataccc gcacccacac tggcgagaag 300
 ccctaccgct gtccccactg cccctttgcc tgcagcagcc tgggcaacct gaggcggcat 360
 cagcgtaccc acgcagggcc cccactcct ccctgcccga cctgtggctt ccgctgctgt 420
 actccacgac cagcccggcc tcccagtcct acagagcagg agggggcggt gccccggcga 480
 cctgaagatg ctctgtcct tccagatttg agcctccatg tgccaccagg tgggtgccagt 540
 ttcttgccag actgtgggca gctgcggggg gaaggggagg gcctctgcgg gactggatca 600
 gaaccactgc cagagctgct attcccttgg acctgcccgg gctgtggaca agagctggag 660
 gaggggtgag gtagtcggct gggagctgcc atgtgtgggc gctgcatgcg aggagaggct 720
 ggaggggggtg ccagtggggg gccccagggc cccagtgaca aaggctttgc ctgtagcctc 780
 tgcccccttg ccactcacta tcccaaccac ctggcccggc acatgaagac acacagtggg 840
 gagaagccct tccgctgcgc ccgctgtcct tatgcctctg ctcatctgga taacctgaaa 900
 cggcaccagc gcgtccatac aggagagaag ccctacaagt gccccctctg cccttatgcc 960
 tgtggcaatc tggccaacct caagcgtcat ggtgcgcatc actctggtga caaacctttt 1020
 cgggtgtagc tttgcaacta cagctgcaac cagagcatga acctcaaacg tcacatgctg 1080
 cggcacacag gcgagaagcc cttccgctgt gccacctgcg cctataccac gggccactgg 1140
 gacaactaca agcgcaccca gaaggtgcat ggccacggtg gggcaggagg gcctggtctc 1200
 tctgcctctg agggctgggc cccacctcat agcccaccct ctgttttgag ctctcggggc 1260
 ccaccagccc tggggactgc tggcagccgg gctgtccaca cagactcatc ctgaactagg 1320
 tccttcttcc ccatgtttta tacagacgga ccagaagcca cctttttctc ccccgctggc 1380
 caggggtccc acacagacta acgtaggcac tataaggacc agcccaaccc catgggcggg 1440
 ggggcccata tggaccaggg gaccttgcc tgaactaggc acttcacgag ctcaagtgaga 1500
 agggccctgt attcacctcc actgccccca ggggctgtgg acaaacgggc tgggggactg 1560
 cccagcctcc cacctgttta tttaacttat ttcagtgttt tataataaag gaaacactaa 1620
 caaaaaaaaa aa 1632

<210> 2909
 <211> 809
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (812)...(322)
 <223> similar to gi5640017 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2909

tttttttttt	ttttctcaaa	ccaaacgtca	ctttactttt	ttggtaactt	ttcattataa	60
taataaaactc	tatgggggat	tttgagcct	ccataatctt	ctcccttgta	acaaacgtgc	120
agtccgttca	caagctgtaa	aaacaagccc	aaacccaaga	catcacaaga	ggcaagagca	180
gtggcagtga	gaagggaccc	tgtaaaggat	gtttcaaagg	aggggtcccag	gctatgtggc	240
cactggatgt	aggcagtga	ctgagtcag	gctttcggtc	tgggaagtgg	cagaggctga	300
cacaatggcc	aaagaggatt	tggagaggaa	actatgctcg	gtttcactcc	tgccagccca	360
acagcctatt	ccctggtgtg	aatcaactgg	tgtttgatca	actttgatcg	ctgggctgaa	420
ggctttccca	caagcagcac	agtcataggg	cttcacccca	gtgtgaatcc	tctggtgctg	480
gatgaggacc	gaacgctgac	tgaaggcttt	cccacactca	ctgcatttgt	aggggcgctc	540
gcccggtgtg	attatctgat	gctgaatgag	gtgtgagctc	tggctgaagc	ccttaccaca	600
ttcaacacag	gtgtaggggt	tttcccag	atgaactttc	tggtggtgaa	tgagatttga	660
gcttcggttg	aaggctttac	cacactgggt	acattcatgg	ggcttcagcc	cattatgaat	720
cctctgatgc	tgaatgaggg	ttgagctctg	gctgaagggt	ttccacatt	cagtacattc	780
atagggtctc	tctccagtgt	ggactcgc				809

<210> 2910
 <211> 1197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (17)...(500)
 <223> similar to gi567232 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2910

ggcagcctga	gcgaggagac	ccccgccggc	ccccccacct	gctcagtgcc	cccagcctca	60
gccctaccca	cacagcagta	cgccaagtcc	ctgcctgtgt	ctgtgcccg	ctggggcttc	120
aaggagaaga	ggacagaggg	gcggtcatca	gatgaggaga	atgggccgcc	ctcttcgccc	180
gacctggacc	gcatcgcg	gagcatgcgc	gcgctgggtc	tgcgagaggc	cgaggacacc	240
cagggtcttcg	gggacctgcc	acggccgcgg	cttaacacca	gcgacttcca	gaagctgaag	300
cggaatatt	gaagtccagg	gagggagcgc	cccgggccgc	gtccgccccg	tcccacacta	360
cgcccccgcc	ccactcccgg	ggcctgctaa	tctgaggccg	atccgggacc	ggcctccttg	420
cgtctcccat	tcccaagatt	gtccgcctc	tgccaatccc	cgccgtcctt	ccagcccacg	480
acctgccgcg	ccgaggagcg	gcatctgtcc	cgtttcccga	ttgggtctgt	cgtctctctc	540
cgctagcga	cagattcctt	ctattaagg	attggctcgc	tgagttctaa	gctctaaatg	600
ggtcaactcc	tttgttttcc	gcctagcgac	aagggaattg	ctcgacggc	attggctcca	660
tcccctagtc	gctggacagc	tctttttttg	attggctcaa	atcctgtaaa	gggcttgacc	720
agtctctaca	tagtcaccgt	ccgcttttcc	tgagttctcc	ctcccaattg	gctccagctt	780


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ccaaaaatTTT caaatgaagg ttccccaatg aatagggaag actactaata tcattgttgc 1860
ttaggtcaag cctttccaag gaccgtagta gtataatttc atctggaaca gattttaact 1920
tggtatccct caggtctagc acaagaattg aattcagatg ttttaagatgt tctgcctcta 1980
acatttcaat ctggttttca cctacgtgca attccttcaa tagactacaa gaaggaaatt 2040
ctggtagaaa acgtaattta ttccctccgca aataaagcaa ttctagtgat tccatgccag 2100
ccaattcagg aggtatagtt tccaagagat ttgaattaca atccaaatgc ttcaaccttt 2160
tcattctatt tatttctgct ggcaaactct tcagttcatt actagaaaga ttgagtcgca 2220
ccagactg 2228

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<210> 2912
<211> 720
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(467)
<223> similar to gi3880922 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2912
ctgcagaaga tttgccttat tatggtggct ccgtggaaat tgctgactac tgccctttca 60
gtcaggaatt cagttggcat ttaagtgggtg aatatcagcg cagctcagat tgtagaatat 120
tggaaaatca accagaaatt tttaagaact atggcgctga aaagtatgga cctcattccg 180
tttgtctaatt tcagaaatca gcattcgta tggagaagtg tgagaggaag ctgagttacc 240
cagactgggg aagcggatgc tatcagggtt cttgttctcc tcaaggctcg aaagtgtggg 300
tccaagatac ttcatatttg tgtagtcggg ctgggcagggt cctccctgtc agtatccaga 360
tgaatggctg gattcacgat ggaaacctgc tctgccatc atgttgggac ttctgtgagc 420
tctgtcctcc agaaacagat cctccagcca ctaacctgac ccgagctctg ccacttgatc 480
tttgttcctg ttctcagagc ctggtggtca ccctctggct tctgctaggg aatctgtttc 540
ctctgctggc tggatttctt ctgtgtatat ggcactagga atggaaaagt ggatcttcaa 600
gatattcttt tatggtatgt tcttggaac aaagcaciaa gtttgagtga gtgccaacct 660
atgcagatgg tagaagtggc attcctggct ttggcttgga agattgacga ccatcagacg 720

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```

<210> 2913
<211> 1771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1772)...(1416)
<223> similar to gi3875473 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2913

acttatctgg	atacacatac	attcattaca	gaatttaaaa	agaattggta	cctgttttgta	60
ctaatataga	ctaagttgca	ttagtaggaa	acaaagcaaa	ctggaaggta	cttattttaa	120
aatcattatg	aaagcatttg	tccatctatg	taacatgcat	gggtgggaag	ctagattaat	180
attcaataac	cgggggaaaa	gggtaagggg	gtgagttagt	gtctggtaat	ttttttttac	240
caaaaaatga	atztatgatg	agaaattttg	aagaattata	ctgtagcagc	aatagctgat	300
ttgtaagtat	cgtcttttat	atgtagtagt	tcttcactag	agctcatgaa	aaaagtattc	360
catttaagat	gttacaaatt	acttgatggt	ttaatatggt	ctttgttgaa	tagcttattt	420
tacatttcag	tcaaaatagt	tatttcacag	gtgaaaccac	taagtagctt	acttcctacc	480
ttttaaatta	ataaagttac	agtcagccac	attgcttgag	tcttgccaaa	atcttttagag	540
aaacaacaca	aactcagaca	tctaagtcag	atcaaattag	agcccaatat	ttttgatact	600
tttattgtat	atgactagt	ttctagaaaa	ctattccaga	agatacagtc	ttccttccag	660
aaaatacagc	tttactgtcc	ttaagtgcct	aatcattttc	aagaggagga	gcaaacagtt	720
tgccctcaag	tatctgggtc	atcaacaggg	gtctgggcta	ggaaaaaacg	gccttagaga	780
gtgatgaacc	tacttaacac	tacctggtac	ctcaactcat	gctaaacatt	ctaatttgag	840
caaagctaaa	tcatgggtct	tagtctgttt	agcaaaatct	ccacaagatg	aaatttagct	900
tactacccca	aactgttcaa	tgttttgggt	ccaatttaga	cacaaaaaaa	tgttttataa	960
tcctagacat	tagattaatg	aactttttta	aaacaaagtc	atgtttgggc	ttagaagttt	1020
gcataatggt	acacagaatg	attatgatat	cttccgaaac	agcttggggg	tggggggaag	1080
ttacacatag	gtgcatttgc	ataactatcc	aaactatttt	actgttttca	caagtacaac	1140
ataaataaca	aaggtgctaa	tttcaaagac	aggtttcaaa	caatgagaat	aagaatatat	1200
tatttcatat	caggcaataa	taaccttagc	ccaaataact	ttaacatcta	aagtgcatta	1260
attgacttcc	ttaggaatth	tcctaaggac	caaaggtaga	tacaaatggc	ctatttttaa	1320
tagtaatatt	actccatggt	cacagacact	taaaggcaat	cactattcaa	catacaattg	1380
tggaatttac	tgatttttag	ttctcagaat	tagagttccc	tttgtttttc	ctcccaggca	1440
aaggaaagct	tgatttgcct	tggggttgag	aaagtttact	ggctaataaa	gtgaatgggt	1500
caatcagagt	tttccgatct	gtaacagtc	cctcccacag	tcttactttc	tcactttttg	1560
cccactgctg	tgccacttca	gcgtccactt	gtctctgctc	agaaaggctc	attttgtttc	1620
ctaataccac	aattgtctacc	tcttttttgt	ctttgaactt	atcgatttct	ttcttcagaa	1680
gctccactct	ttgaaaggat	tcaaggttat	tcacactgta	cacaagaacg	aagccatcag	1740
caaatgaaaa	ataatgcttt	ggcagctcca	a			1771

<210> 2914

<211> 1309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (734)...(181)

<223> similar to gil644232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2914

tttttttttt	ttaatagcca	agtattccat	ttattaacaa	aataagtctt	accaagggag	60
agctctgttc	gtcccaaaca	ggccccgcag	ccccgcgct	gccgcacag	accagaagga	120
gggaggagt	gggagaagac	cccagtcgct	ggggggtcca	ctctgggggc	tctgccgggc	180
caggcctagg	agagggcggg	ggctgctgtg	atccgagagc	tcctgacgc	cccaaccttc	240

```

cccgaaacgca gctaacgagc tcgtgacatc cgctgacatc gccaccggtc tgctttggag 300
ggatctagcg agagtcacct accccacccc tactgccagg ggagggggtcg ttgccccccc 360
gagggagaga aaaacaagga ctataatgca cttcgcaaaa tgtaaggggc cggcttcacg 420
ccagcggggc cttctgggac tttgaattca accaggtgag cgctccaggt gccccgacag 480
gcgcactgta gccactgggt gttaggggcg ggagtctgga aggtgacggt agacggccac 540
ttggggccctt ctgggggcca gcctactggt ggggtcaggg ctctccgtgc tcagagcaag 600
gtagaggagc aaggccctac ttttgggggg caggtccag accaaggacc ctatgcgcgg 660
aggggtggcgg gggaggagtc ccggagcagt gtaccaggtc aatagagctc cagggccctt 720
gccaccacagg tggccccctc ccccccaaaa atgagttaca aaaaaaacct cctctctgtt 780
acttgtaaaa caaaggaaaa aacaaaaaaa aacaaaaaaa aaaacaaaaa cagaacgcaa 840
atggaaggaa acaagaggga atgaaggggg aagagggaaa aagagaaggc ggaaacgtag 900
ttttaagtta agactcatgc aagaaactcc ccaggaaggg aaaacaaaac gtctagaaga 960
acccaaagac ccaactctc cctcaaacca aaccaatcaa aaccaaaaaa agaggaaaag 1020
gaataaaaaa tgtaaaaactt atatctaaga aaaaataaca gaaagggaaca ggggcgggga 1080
tcatgtcgtt atttgtggga ttaatatatt tatttgggag aacacagact ttttgcatac 1140
cattgactca tgtggggcgt taatgcactt atattcccag cttgtaagct aacattatag 1200
taaataaata cacagtccgg tggggaaggg ctgggtgggg aatcccggca ggggtcaagca 1260
gtagtggagg ttgcagcggc gacggcaggt ggggagggag gaggagggga 1309

```

```

<210> 2915
<211> 1507
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1509)...(292)
<223> similar to gi3183977 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters -

```

```

<400> 2915
tttttttttt ttgttgagca gttgtttatt ctggccctca cagccttggc tagtccacaa 60
aggccctggg gatgggcaac aggctacagg aaccacctg tcttcctggt cagggccctt 120
ggccccctagc agcaggccaa tcctgggtggg gcacagggtt ctgtgccctt tggctgccta 180
cctctgaata tcctggccag caagccatgc cttccccgcc cctggggccc tgggagccct 240
tcagctcctg tccccataat gggtcctggg cctaggatga ggggaagggt ccagtttctt 300
gtagggtgtt atctgggggt cctggtgtgg gttgagctgg agggctgtgg ggccccaaga 360
cccctgtgcc attgggggtg tccaccctct caaacaggat gagcatctca cagtgcgggg 420
tctgcgggaa caggtcact gccacagcc ttgaccggcc ggaagggaat gcccttcacc 480
cggttagatg gggctctgca gaggtccaca aagttgccca tggctgcccg ggggttgcac 540
gagacgtaca gcagcgcct gaggttctta gctctccgga tggccaggat caccttgga 600
tgcaagccag cacggggtgg gtccaggatg gccacagggt gctgggaggc cagtctgtc 660
accagggtgg gcaccagggt ctcggccctc ccgagtgga actccacatt actcaactca 720
ttgtcctggg cgttcacccg ggcgtcctcc acagcctctg ggcatagctc gaccccaatg 780
accctcttta ccttcggggc caggggccagg ccaatgggtg cggtgccaca gcacacgtcc 840
agcaccatgc tccccgcac caattggggt cagtcctgga tgactgtgta gagcacctcg 900
gctgcgggtg tgttcacctg gaagaaggcg tgtggagaga tccggaaggc cagccctagc 960
aggctcctgt ggatgcaccg gtccccagcc acatgtcca ggggcaggcc ctcttggtta 1020
ggagtctttc gctgtccctc ctccacaaag tagaggcagg tcaactccact ggccctgctt 1080
ggccctgctg tgaagtgtcg cgctaggagg gtcttcagct ctgccagctc ctcagggtc 1140

```

SECRET

$\langle 211 \rangle$ 430

<213> Home

 $\langle 220 \rangle$

<221> misc feature

<222> (1) ... (359)

```
<223> similar to gi560476 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

gaaaaacctga	aaatcatggt	gaagctaaac	ccatatgcaa	agaccatgct	ctgcaacacc	60
aggctttggc	aggccagcaa	ccacaaactc	caggtggata	aggcagcggc	ggcggttggca	120
gcagcagcag	cagcaccagc	accagcacca	gcagcaccag	cagcaccagc	agcactagag	180
gccaaatcag	atgagaaagg	gggttgcat	caagaagcct	gtggtaggga	agaaaggaaa	240
gaaggttggt	gtttttaagc	aggagaaacc	tctggtggga	aaaagggcag	cagctaccaa	300
ccaagacatc	agtagctgaa	aaaaaaaaac	accacagagg	aaacgaagcc	tgctgcatga	360
gcttggttgg	ttattccata	aaggtcaa	aatgttgac	agcttatttt	taataaaaga	420
cctgatcagg						430

<211> 1104

<212> DNA

<213> Homo sapiens

$\langle 220 \rangle$

<221> misc feature

$$\langle 222 \rangle \quad (110\bar{7}) \dots (186)$$

```
<223> similar to gi2224903 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

caaaactttt cttttctttt ttgtgcatgc aggcctctttt tactgtttctg agcagtgttt 60
tgcaatgtgt gacccctccg cactgttggt gaacatacaq aacctcctat atgggcaccc 120

aagcccaggc	cagtgtgaaa	accttggcgg	gggggtgggg	gagaatgaga	aggggaggcc	180
cctagcctga	ctcagagggtg	aagactgcta	ggccctgctg	tccttgggggt	acgaactgtc	240
aagggccttt	acctcccccc	gcccccgcg	gtgggctttt	ggaagggtga	tctcccagga	300
cgtcatgcag	ctccggggcca	tccaagatat	caggaaattg	ttgagcacc	gttaccagc	360
cggggaactg	ggctttgacc	tcaatttcaa	gcctttctgg	aatctcccca	ttcacaatac	420
ggagagaact	ctcaaaggga	ctttgctgcc	caccagtg	caactgtgaaa	ctggccgatt	480
tgggcaccag	acgctgagcc	actccatccc	tagcaaac	cagcatgaca	ctccctggca	540
gtagctccc	aacgtccaca	tcgccacctc	cgttcctagt	cttgccaaag	aagatctcta	600
gcttgccag	cagctcctcc	tcaactcagcc	tgaggctggc	aggaaatcca	gtgaccaaca	660
ccctccggcc	actcaactgg	ctggacacca	tcacctggat	ggtggtgacc	atgggcagct	720
ccaagggctg	gacctgcacc	cgcagccggc	actcctccat	gttgatcgtg	tgctcctttt	780
gttgcagcac	ctgctcagcc	actttgggggt	catcaaaggt	gatcagagca	gagcccga	840
gcagagggca	gtggatccgc	aaattggaaa	ctaaagactt	aggcaacttc	gggtcctgct	900
gggtgtgtcc	tcggaatacc	aggggggatct	tgggcaactga	aaatgggacc	ttgtctttgg	960
gggagtcccc	gagctccttt	ctcagctgct	gcagggtccca	cagcctcatc	ttgagtctgg	1020
cctgtcctc	ctgaagggcg	tggagggcgg	tctggcctgc	tcctcctgaa	gggcgtggag	1080
ggcgcatcc	agtggggctg	acat				1104

```

<210> 2918
<211> 1924
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1809)...(783)
<223> similar to gill150495 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2918						
tttttttttt	ttgaaaatac	tgttttatta	acaccacagt	gataaacaac	tttaagctta	60
tgtttcttta	tagatcactg	gctcacacat	aattcaaac	ccacacagaa	gctaagagtc	120
tttacattaa	atatattctt	cctaaaaatc	cttactgtat	gcatctgtcc	tcaagcagta	180
aaatttgatt	atgccccatt	ttataattaa	tatggtcaca	tttacatagg	caaaataatg	240
gaagggcaca	gctaatacaa	ggcaaactta	aaccctttct	acttctgagc	tgggggggtgg	300
ggggcacaca	cttgggattg	gttcttcaag	tatgtatttt	ttccaaacat	tagcttcagt	360
gaagagttct	gatgattttc	acagctaccc	ccctaaaagc	tacatgacag	aaagacgtca	420
caaggcgcaa	agtacataac	gctggataca	catgctttac	ataatttgct	acattctaca	480
tctcttcaag	taaattaata	tttctaaaac	gctaggtaaa	gtgatttaat	acttaaacat	540
atttggggta	ttttttacgt	gtttgtaaat	agacagtact	aagaaaacac	aaacatgaga	600
ttgtaactaa	tgaatacata	tgttgacagt	attttacagg	ttttacaccc	tccttcttgg	660
aaccatgttg	tttctctaaa	ttcaaatact	caaaacattt	ttcagaactt	gaaatggcag	720
ttttcctggc	cttattaaca	gtagtgtcat	gatctccatt	gcaatcttcc	tcaatgccat	780
caatctcctg	tgaagtgtaa	agctgatgtc	tgcgttacaa	aagcaaagtc	tcaaagatga	840
cgtttttctt	gggttctgcc	ttctctgcac	tgcgaaatgt	catgagtaaa	gaaatttaag	900
aattaagcac	tgagaacgtg	ttcagtcatg	gcttgggtgt	tccatgtgta	gcgtatgctg	960
tgtgatgaat	gggtttcaaa	gtgacgttct	ttacttcgca	tctgctaaca	ccctttgtaa	1020
acctcaatcc	tcagagaaga	gaccatgaaa	acataatttt	gggtttaatt	cagttttctt	1080
taacaccttt	tgatataatt	attatgttca	aaatgaaagt	caaatttgaa	tcgagctggc	1140
caggatctaa	ttgctttaat	ttaatctatt	ttaggaatgt	cagaataaat	tcacattgta	1200

ttccttggtg	tgttggttaag	tgcttattaa	gatctgaact	ccatctaaac	ctcttatcac	1500
actgttgaca	tttatagggt	ttctcttcag	tgtgaattct	ttggtgctta	ataaagggtca	1560
ggagctaact	ctgaagggtt	tcccacattc	ctgacattta	aaaggcttct	ctcttgacaca	1620
atctttcttg	tgacgatcca	taagtttgag	cagctcttgt	ttccagggtg	aaagtttctt	1680
tcttttcttc	actggaaaat	cttggtgcca	ttttcccact	ctgtgcatat	caaaatgatt	1740
ttctttgcct	gctgttttct	ggggaacttt	tactttggcc	ttttttgata	tgacgcctgc	1800
tgatgcttgt	atttctaagt	cagaaaagaga	cacaggctga	tgattttcag	tgtcgttttt	1860
gagctttaac	cctgtaggag	attttccggc	actatcctta	aactccgggg	atacttgaac	1920
ccatggctct	tccccttgct	ctagacagga	gatcacttta	ggtttg		1966

<210> 2920
 <211> 1925
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1926)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1890)...(785)
 <223> similar to gi4519623 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2920	
ttttttgaaa	tctggtccca aagtttcaaa agaataactaa tgcaacaaaa agaaataaacc 60
tctctgtata	aagtgtattat agagatgtgt gttgaggtaa acagcttcat aaaaaccggtt 120
gagcagggaa	gcacagccac tgctatagaa attttttaggt aagtctggtg ctagcattat 180
tctacaaaac	tgtttacacc cattataaat aggggacagt tcttattgct cctggagcctt 240
gtagctccaa	tctgttccag ctccactgaa aaatgatttt tctcaacaat tggtagcaaa 300
gattttccaaa	tttacaaaaa gtcattacca atgcatcact ttttgattaa tttctgattg 360
ccatatagat	atggactaca gtatgcatgt ccttgacacc aagtacagaa aaaaagctta 420
gaaaagtcgt	tttatcaaag ttcagttcaa tgagaaacat gaaaaagtgc aaaatatgta 480
caattcctgg	cagttctcac acgggatttt tttgactaca gaccataaaa gtttacattt 540
gtgtaatgaa	atgacgatgg atttcacatc actgttaata tacaagtttt tgcttcaaag 600
tgcttacttt	atttataaaa gagaagatca agagggttgc aggaattttt tttttttaac 660
aacaaatcaa	tggtatgtgt cccaatctcc ttcttctctt tccttttagtg caacatggcg 720
cagcagcctc	atggataagg tctgatttca aaagacattc ctgaaacctc acctacagca 780
gcactctagg	ggtcccatta ggggtggctc tcttttctt ctgcagccga ttctgaacct 840
ttcgagattt	tactactttc attctcacct caaaaacttc atgaatggcc ttccggaagc 900
aatgaaaatt	atagtcaatt agcccttttc tttcaaagct ttctctctg acaaagcaaa 960
cgagagccag	gaactttgtc acctctttta aataaagcac ggttgtatta ttaagcttta 1020
tgatggctgt	ggattccttg tcataggggg ttctgtctcc atcttctttg agaccataaa 1080
tacaagagat	gtcaataaacc acatctatca tatcacagca gagctcatag gtttgcatat 1140
ccaccggagt	actatcagtt gcaatataaa ttttactgac cacatcaaat agaaatgcct 1200
tttcaattcc	agaatttgag ataaagatgt tcagcaaatt ctccagagtt gggagttgtg 1260
gaatcagttt	ctgaacaact ttgctaaaag cttcaaatat tgaatgatca tatatgcttg 1320
tcagataaaa	gctgaggtga attttttcta atccagcatc tgcaagggtca tcgtttgccc 1380

aacaggattg	ttacttttaa	gcctacctct	gctgtgaccc	atcatgtggg	tcttttgttt	1680
ctcccttctg	tggtttatga	gcctgccctt	accttttccc	tgcctctgac	ttggtatttc	1740
cagggtccgta	tttctctgta	gccaggggtc	tggggtagag	ctgactgctg	ttcacccttt	1800
gaacaactca	tggacgtgag	ggatgggtgc	tgagcagaac	caagagagga	aactttggcg	1860
ctgttaaaat	ggaatttctc	atctgccggc	attattaagg	gtgggctagg	ttggatggaa	1920
ggtgaaaggg	atgaactgcc	ttttgctgga	agctgtctta	ggctgtgaga	caggagcagg	1980
ggaaccacag	cctatgggga	actgcccttg	actccaccta	tgttggagcc	ttagcccaag	2040
gccattcctt	ctgtgatgat	aaagcccagt	tctggaattg	gagccatatt	aaggaatgat	2100
tctcttccag	cgctgctcct	caagggttgg	gggtccttct	ccctcgcagc	caccacatgt	2160
ctcagggcta	ccttctccga	ttggatttgc	atttgtggca	ctgtctttga	tgcagtgatg	2220
tacttaatgg	tgcaataaaag	ctgcttcgat	ttgttaaaaa	aaaaa		2265

<210> 2922

<211> 5433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(2065)

<223> similar to gi5902966 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2922

cggacgcgtg	ggatcattga	atttgaccca	aagtatactg	ccttcgaagt	ggaggaagat	60
gttgggctga	tcatgatccc	agtggtgagg	ctacatggaa	cttatggcta	tgtgacagct	120
gatttcatct	ctcagagctc	ctctgccagt	cccggagggtg	ttgattacat	tttgcatggc	180
agtacagtca	cctttcagca	tgggcaaaac	ttaagtttta	taaatatctc	catcattgat	240
gacaatgaaa	gtgaatttga	ggagcccatt	gaaattctac	tcaactggagc	tactggagga	300
gcggtccttg	ggcgccacct	agtgagcaga	atcataatag	ctaagagtga	ctctcccttt	360
ggagttataa	ggtttctcaa	tcaaagcaaa	atttctattg	ctaataccaa	ttccacaatg	420
attttatcac	tgggtgctgga	gcggactgga	ggactcttgg	gagagattca	ggtgaactgg	480
gagacagtag	gacccaactc	tcaagaagcc	ttactgccac	agaatagaga	cattgcagac	540
ccagtggagcg	ggttgttcta	ttttggagaa	ggagaaggag	gagtgagaac	cataattctg	600
acaatctatc	ctcatgaaga	aattgaagtt	gaagagacat	tcattattaa	acttcatctt	660
gtgaaaggag	aagctaaatt	agactccaga	gctaaagatg	ttacattaac	catacaagag	720
tttggtgacc	caaattggagt	tgttcagttt	gctcctgaaa	ctttgtctaa	gaagacttat	780
tcagagcctc	tggctctgga	agggcccttg	ctcattacct	tctttgtcag	aagagtcaag	840
ggcacctttg	gagagattat	ggtttactgg	gaattaagta	gtgagtttga	cattactgaa	900
gactttcttt	ccaccagtgg	atttttcacc	attgctgatg	gagagagtga	agctagcttt	960
gatgttcatt	tgctaccaga	tgaggtagct	gagatagagg	aagattatgt	gatccagctt	1020
gtttctgtag	agggaggagc	cgaactggat	ctggagaaga	gtatcacatg	gttctctgtt	1080
tatgcaaata	atgaccacac	tggagtattt	gccctgtatt	cggatcgcca	gtcaataact	1140
attgggcaga	accttattag	atccatccaa	attaacataa	cccggcttgc	tggaacattt	1200
ggagatgtgg	ctgttgggct	tccaatatca	tccgatcata	aagaacagcc	gattgttacc	1260
gaaaatgcag	agaggcagct	ggtggtcaaa	gatggtgcca	catataaagt	ggacgtgggtg	1320
ccaataaaga	atcaggtctt	cctatcactg	ggctctaatt	tcactttgca	actggtgact	1380
gtgatgcttg	tcggtggacg	tttctatgga	atgccaacaa	ttcttcagga	agcaaaatct	1440
gctgtccttc	cagtctctga	gaaagctgcc	aattctcagg	tccgatttga	atccactgct	1500
tttcaactca	tgaacatcac	tgctggcaca	agccacgtta	tgatttctag	gagaggcaca	1560

tatggagctc	tctcgggttg	ctggaccact	ggatatgctc	ctgggttaga	aattcctgaa	1620
ttcattgttg	ttggcaacat	gaccccaaca	ctggggagcc	tttcattttc	ccacggtgaa	1680
caaaggaaa	gagttttcct	gtggacgttt	cctagccctg	gttggccaga	ggcctttggt	1740
cttcacctat	caggagtgc	gagcagtgct	cctggcggag	ctcaactccg	atcaggtttc	1800
attggtgctg	aaattgaacc	aatgggcgtc	ttccaatttt	ccactagctc	aagaaatatt	1860
atagtgtcag	aagatacaca	gatgatcaga	ttacatgtac	aaagactatt	tgggttccac	1920
agcgatctta	ttaaagtttc	ttatcagacc	actgcaggaa	gcgccaagcc	actggaagat	1980
tttgagcctg	ttcagaatgg	ggaactgttt	tttcaaaaat	tccaaaactga	ggttgatttt	2040
gaaataacca	ttattaatga	tcagctttct	gagatagaag	aattttttta	cattaacctt	2100
acttcagtag	aaattagggg	attacaaaag	tttgatgtta	attggagccc	acgcctgaat	2160
ctagattttc	gtgttgcatg	gattacaata	ttggataatg	atgacctggc	aggaatggat	2220
atttccttcc	ccgagacaac	tgtggctgta	gcagttgaca	caactctcat	tcctgtagaa	2280
actgaatcca	ccacatacct	cagcacaagc	aagacgacta	ccattctgca	gccaaccaac	2340
gtgggttgcca	ttgttactga	ggcaactggt	gtatctgcca	tccttgagaa	acttgtcacc	2400
cttcatggca	cacctgctgt	gtctgaaaag	cctgatgtgg	ccactgtaac	tgccaatggt	2460
tccattcatg	gaacattcag	ccttggggcca	tccattgttt	atattgaaga	ggagatgaag	2520
aatggcacat	tcaacactgc	agaagtctct	atccgaagaa	ctggtggggt	tactggcaat	2580
gtcagcataa	cagttaaaac	tttcggtgaa	agatgtgctc	agatggaacc	aatgcattg	2640
ccctttcgtg	gtatctatgg	gattttccaac	ctaactggg	cagttgaaga	agaagacttt	2700
gaagaacaaa	ctcttaccct	tatattccta	gatggagaaa	gagaacgtaa	agtatcagtt	2760
caaatttttg	atgatgatga	gcctgagggg	caggaattct	tctacgtggt	tctcacaac	2820
cctcaagggg	gagcacagat	tgtggagggg	aaggatgata	ctggatttgc	agcttttgcc	2880
atggttatta	ttacagggag	tgaccttcac	aatggcatca	taggattcag	tgaggagtcc	2940
cagagtggac	tagaactcag	ggaaggagct	gttatgagaa	gattgcacct	tattgtcaca	3000
agacagccaa	acagggcctt	tgaagatgtc	aagggtcttt	ggcgagtcc	acttaacaaa	3060
acagtcgtcg	tgtccagaa	ggatggggta	aacctgatgg	aggaacttca	gtctgtgtca	3120
gggaccacaa	cctgtacaat	gggtcaaaca	aaatgcttta	tcagcattga	actcaaacca	3180
gaaaaggtac	cacaggttga	agtgtatttt	tttgtggaac	tatatgaagc	tactgctgga	3240
gcagcaataa	acaacagtgc	cagattcgca	cagattaaaa	tcttagaaag	tgatgaatct	3300
caaagccttg	tgtatttttc	tgtgggttct	cggctggcag	tggtccacaa	gaaggccact	3360
ttaatcagtc	tgacagtggt	cagagattct	gggacaggac	taatgatgtc	tgttaaacttt	3420
agtacccagg	agttgaggag	tgctgaaaac	attggtcgta	ccatcataat	tccagctatt	3480
tctggaaagg	attttgtgat	aactgaaggc	acattggtct	ttgaaectgg	ccagagaagc	3540
actgtattgg	atgtcatcct	aacgccagag	acaggatctt	taaattcatt	tcctaaacgc	3600
ttccagattg	tcctttttga	cccaaaaggt	ggtgccagaa	ttgataaagt	gtatgggact	3660
gccaacatca	ctcttgtctc	agatgcagat	tcgcaggcca	tttgggggct	tgcatatcag	3720
ctacatcagc	ctgtgaatga	tgatattctc	aacagagtgc	tcataccat	cagcatgaaa	3780
gtggccacag	aaaacacaga	tgaacaactc	agtgccatga	tgcatcta	agaaaagata	3840
actactgaag	gaaaaattca	agctttcagt	gttgccagcc	gaactctttt	ctatgagatt	3900
ctttgttctc	ttattaaccc	aaagcgcaag	gacactaggg	gattcagtc	ctttgctgaa	3960
ttgactgaga	attttgcctt	ttctctgctg	actaatgtta	cttgcggtc	tcctgggtgaa	4020
aaaagcaaaa	ccatccttga	tagttgcccc	tatttgtcaa	tattgggtct	tcactggtat	4080
cctcagcaaa	tcaatggaca	caagtttgaa	ggaaagggaag	gagattacat	tcgaattcca	4140
gagaggctac	tggatgtcca	ggatgcagaa	ataatggctg	ggaaaagtac	atgtaaatta	4200
gtccagttta	cagagtatag	cagccaacag	tggtttataa	gtggaaacaa	tcttcctacc	4260
gtaaaaaata	aggtattatc	tttgagtgtg	aaaggtcaga	gttcacaact	cctgactaat	4320
gacaatgagg	ttctctacag	gatttatgct	gctgagccta	gaattattcc	tcagacatct	4380
ctgtgtctcc	tttggaatca	ggctgctgca	agctggttgt	ctgacagtca	gttttgcaaa	4440
gtgattgagg	aaactgcaga	ctatgtggaa	tgtgctggtt	tacacatgtc	tgtgtatgct	4500
gtctatgtct	ggactgacaa	cttgtcttca	tacaatgaag	ccttcttcac	ttctggattt	4560
atatgtatct	caggtctttg	cttggctggt	ctttcccata	tcttctgtgc	caggtaactcc	4620
atgtttgcag	ctaaacttct	gactcacatg	atggcagcca	gcttaggtac	acagattctg	4680
tttctggcgt	ctgcatacgc	aagtcccca	ctcgctgagg	agagctgttc	agctatggct	4740
gctgtcacac	attacctgta	tctttgccag	tttagctgga	tgctcattca	gtctgtgaat	4800
ttctggtagc	tgctggtgat	gaatgatgag	cacacagaga	ggcgatatct	gctgtttttc	4860
cttctgagtt	ggggactacc	agcttttgtg	gtgattctcc	tcatagttat	tttgaaagga	4920
atctatcatc	agagcatgtc	acagatctat	ggactcatte	atggtgacct	gtgttttatt	4980

ccaaacgtct	atgctgcttt	gttcactgca	gctcttgctc	ctttgacgtg	cctcgtgggtg	5040
gtgttcgtgg	tgttcatcca	tgctaccag	gtgaagccac	agtggaaagc	atatgatgat	5100
gtcttcagag	gaaggacaaa	tgctgcagaa	attccactga	ttttatatct	ctttgctctg	5160
atttccgtga	catggccttg	gggaggacta	cacatggcct	acagacactt	ctggatggtg	5220
gttctctttg	tcattttcaa	cagtctgcag	cttctagtac	cctctgttct	actttttact	5280
tctatgagat	caacattttt	tagcttccac	acaggggactc	tgacttcaag	agagaagaaa	5340
agtacttttg	tacttacatg	cctactgagc	ccagattcca	aaggccttgg	ggttctatgt	5400
ttccttaaca	ctgaatgggc	tttccaagt	cat			5433

<210> 2923
 <211> 723
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (724)...(203)
 <223> similar to gi4914617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2923						
tttttttttt	ttcccccttc	cctccaaagt	ccagggccac	cagaactgac	tttattaaaa	60
aaatgacaaa	acaggtctat	acatatattac	aggctgggag	ccaggaggct	caggtccgac	120
agcaggggcc	aggctgctca	cttcttggag	agcttgactt	gcttggtgctt	gggggggtgcc	180
cacttgaggc	agacggagtc	cactgtgatg	ggtggtttct	tatactgggc	acttttgagg	240
tgctcctcca	ccagcttggg	tgtgacacag	atcacgtgct	ggcccttcca	gtacttgacc	300
atattgaggg	attgcagggt	actgatgatg	tcattttggg	tgatactggg	catctggctg	360
aggtccttga	tggacagtgt	gcccccgga	gttcccgcag	gatctccagc	agctacacca	420
ggaccagtag	ctgcggtagc	tgaaggcttg	cccagggtca	gacagcggct	tctccgggga	480
gccgactgtg	ctctccagct	tggagagctc	ataactgaaa	cccgatgagg	aacttcccgt	540
agccgcggcg	ttggtagggg	ggcaagggtca	ggatgcaggc	cacattgttt	ccatccgggg	600
actcctttct	ccttggagaa	gtagccaaca	atgtgggccc	cctgccggtc	cacctcagtc	660
aggatgtaaa	aacgaacggg	ttcccttaaa	agtacatgtc	ttatgggtcca	agaaaagctt	720
ggc						723

<210> 2924
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (235)...(527)
 <223> similar to gi5081610 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09489735_043100

```

<400> 2924
caagaagcac catcacaagc gttcccactc accctcagtg agtaagcgtg tagaaggggac 60
atgggggtgaa gctggggttgt tttggggaaa taaacacttt gttttcccct tacaatatct 120
cccttgaggag gaagtttgag gattcctttg gccctgggtc ctccctcccct ctccaattcc 180
cagacgaggag cttctggagg gcagagaacc tctgcaactga catgtatctg ctgatctgcc 240
cagggctctg agtcagaaga agaggagctg ccccccacat ctctccggcc cccaagcgg 300
aggaggcgga acccctcaga gtcaggctct gagccctctt cctcacttga ttcagttgaa 360
agtgggggtg ctgcccttgaggaggcgggc tccccttcct cccatcttct tggagcaggt 420
aagcagttgc tgtgagcgta gaagctggag aactgttggt ccagactgag aggatgccct 480
ccacaagccc cagctccttt gagggtagac tggattggga gggctgcacc tgtggaagta 540
gaaagaactt cctctacctg cccaagcaag aagctggaga aggaaaactg gacttatact 600
tcctcagagc atgagggttcc tgcctgtgaa gaatgaacag aggggctaga acaaagaaaa 660
agagcctgtc tttctcctgt tgggacttag tagggatttt tctatctcta gatcatggcc 720
ttcggaaagc caagaaacca aaaaagaaaa ctaagaagag aaga 764

```

```

<210> 2925
<211> 1181
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (108)...(482)
<223> similar to gi537433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2925
tttttttttt ttgagatttc ccaggactgg ctttaatttg aaaaatctga ttgggggtctc 60
ttcccgatc agagaaggaa cagcccaagc tatgaccca gggccaggga attcagttccc 120
caccagaccc tgtcattcca tctactaggg gtaattccag gctccccctg ccagccctga 180
gacaggagga cggatgtgaa gttgccagag actagattct gtctctccaa agtggcccaa 240
gccctgttct ctgtactagg gaagccagct gtgtcttttc gaggacagtt ggtccagcca 300
gcaggctcag ttcagatacc agacaacat tccagcacga gggctcagcg ccctggcccc 360
ggcggtcgct ccagtgcctg tgtgccacc agcacatcca tgaggtagtc caattcggcc 420
tcgtccagct ccggagcttc ctcccttgccc ggcccatcct cagggcctgg tttgaggccc 480
tcagaggctg gtgcccagg ttcatgtgca tacatagagg tgtcaatata ctcaaacagg 540
ccctcaagcc catcgtccag tagacagcca gtggctgggc ccagcaggtc caaggcacc 600
aggctgggag ctgctcccc gatgctacgg cctggtggcc cctcgtctgc caagggttg 660
ggagcctgac tcaggccctc aatgtggctg aggtcctcca ggaggctggc catggaggct 720
gaaagggcag cgtccgagct tgccagtaag ttgtcagcca cactgggggc tgcagggtgg 780
ctaggcacag gtggcagggc agccgcgggt gccatggacg cctggatgag ccgcagagt 840
ttcacgacca gcaccagggt ccgcagggtc ggctcactct gctgcaggct gtggtggagc 900
ttgagcactg agagggtcaa gagggagcta gagggcacgg ccgggggtgc ctgtgccacc 960
gctgcgtggc caggatctag ccaccaggag tcgactgcca gaggttcctt ctccctcctc 1020
tcctcccgtt tccgcttcag acccttgctc agcatcttgc tctactagcg ccaatcagaa 1080
cgaagaggta gccaccaca accaatcagg aaacggcggc ggcagcatcg cttgttggt 1140
gtcctccgga aaccgcgcc tgggtcgcg ccacgcgtcc g 1181

```


<210> 2926
 <211> 1055
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (900)...(629)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2926
 ctgatgggca gtgggggtgtg ggggggaggt agataggtat ttaggatgga attctgctag 60
 acaggaaaaat atagttcagt tcctcatagt tcaggctgga gcaagtaaga ttccagtttt 120
 accactgaat ctctgagcct gtctcctcat ctgtaaaatg ggaacagcaa tcctagccca 180
 gagggttgtc aaagtcaactg tgctatcggg cctggcagaa tgggagtgag aggggctcag 240
 agggactgtt acaggacatg aggtgacgat ggtgggggtgg caaggcagga gctgatggag 300
 actcactgag aagtggagaa gcaagattca tcacatacgg gacataaagg gagatggagg 360
 ggcaggggggt agtcctggtc tcggcctggt ggggaagggc ttcaatggga ggaagccagg 420
 gtgtgaagtg acgggggagg tatagtgtga caccagaggg tactgagaaa gacctgggag 480
 gcaggatggc ggctaggact aaatcctctc tcccagagaa ggccgagcct cctagagcca 540
 gagaaggagg cagaggaggg acagcaaagg gaagaagaga tgggaggatg ccgtgtgaac 600
 aaagccaagg cggggaggag aagaagttat tatcagggtg ggggtgggct gagggcatgg 660
 ttcaaggcct gatgtctttg cctcctaata cggggggtct tgctggctgg gtcaggccac 720
 tcacaggaat gggccataat ccttggttga caataaatgg acaaagcagc tgggtgcggt 780
 ggctcatgcc tgtaatccca acactttggg aggccaaagg ggggtggatca cgaggtcagg 840
 agttcgagac cagcctagcc aacatagtga aaccccgctc caactaaaaa cacaaaaaat 900
 tagctgagcg tgggtgcgggc acctgtaatc tcagctactc gggaggctga ggagaagaa 960
 tcgcttgaac tcaggaggca gaggttcgag tgatgagaga atgtgccact gcactccagc 1020
 ctgggcaaca gagtgagact ctgtcaaaaa aaaaa 1055

<210> 2927
 <211> 767
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (768)...(642)
 <223> similar to gi3878300 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2927
actgccttct tgggtgagtg cattagctgg gtagggctctg tcccggacct aactggatag      60
tgtgggaagc agtggatcgt tgtttcaaaa accatttctt tttggaaatt gtcacagaga      120
aggactagat ttgcggatgc ctaccttagc tgcaggcgta ggccacacc tgacgcgtaa      180
gctgcctaaa cggcagctaa cgtagatcca cccagacgcc ggaaacgggg gaagctcctg      240
ctttgcatgg gttccgctcc ctctgtttg ttgtggtgtg gagccagggtg gcatgtgtgg      300
cgatggagtc acggggcggg tgacagaatt tatgccagat tgtaaaattc ctggtttaag      360
tttcccctgg aaaagtttcg taaagggttaa gaaacgtgtc tgttgagggtc ctttaaaagc      420
cggtgctctg ctgggagtaa cgagcaaacg tttgttttag catctacggc ttaagcttcc      480
atagagaagt cggtatctca aagttgcttg aaacagaaaa ggacaaagag gttggtggaa      540
tagggtaacg gataagggtta ctcttaagag gtttttagaga gctttcccca gttttaggag      600
atgattaatg gtcataaaaag tgtgtaaaat atacatgcta ttggagttgc aacgaaagac      660
ataattactg tgccccttta gtgttttcaa acattttcca gatctcacat cctataattt      720
tagagtttat catctgaggc agaaacaaga cgactggaat ctgatga      767

```

```

<210> 2928
<211> 955
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (944)...(591)
<223> similar to gi244774 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2928
caaagtagta atatcacgga tttggtagac atttttctta tcacaatgct tattttctaca      60
ccttcacagc attttcctat gcttaccact ttaaggagat cagaattact gtctcagttt      120
ggctggggct gctcagtgca aaatttggaa ctgagatgag ttacagattt cagtttagtt      180
agagtttctg aattgcatca gaacagctgg gtctacttcc agagtgggtcc ctctgagggt      240
ttattttgac tcatggttct acagggttga agggaagcat ggcaccagca tctgcttctg      300
atgagggcct caggaagctt cccatcatgg catatggcaa agagggagca agcaaatacat      360
ggtgagaaag gaagcaagag tgagcgggag gaaatgccag gctcttttga acaaccggat      420
ctcgcatgaa gtcataagag gagaactcat tcattactgc aaggacaaca ccaagtcatt      480
tgtgaagatt ccatccccgt gacccaaaca cctccgggta ggccacacct caaacttgga      540
ggtcacattt caacatgaga tttggagggg acaaacatct aaacatatc aagatttttc      600
atatttttgt cttaaattgat tcctatgtat ttcataattt tggagctatt gtaaattgaga      660
ttgctttctt gatttctttt ttcagattat tccccattga catatataaa tgctactaat      720
ttctgtatgt tgagtttgta tcccagcaac ttaactgaat tagtttacct agtttcttagc      780
agttttttgg tggagtcttt aggtttttct aagtgtgaagt tcatgtcatc tgtgaacaag      840
gctatgattt ctttctttcc aatttttagta ctctttattt tttcccttg cctaattgct      900
cttccaggac ttccaatatt atgttaaata aaagtgggtga aaagtgaaaa aaaaa      955

```

```

<210> 2929
<211> 951

```

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (27)...(348)
 <223> similar to gil80879 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2929

acgaaccgga	gggctagaga	cagcggccga	gaggacgagc	cgttcagccc	cagggccctg	60
agggcccgac	ttgagaagct	ggaagccatg	taccgccggg	ccctgctgca	gctgcacctc	120
gagcagcggg	gaccacgtcc	gagcggggac	aaggaggagc	agcctctaca	ggaacccgac	180
tccggcctcc	gctcccggga	ctcggagccc	tctggggccct	ggcctgtagc	cgaggccgca	240
gccgatgaga	ggcggagcct	cgagcggggc	cctcctcctc	cgttcccagc	tacccccgac	300
ctcgcgcacg	ccctggcccg	cgccctgccc	gcggatacct	tggactacgg	tgccctcccg	360
ccccaccag	tggacacttc	cgggtggcgc	ttggccatcc	gcttgggtga	ggtcgagtgg	420
gtgcaagggc	cctcaggacc	tcccacatgt	acagttcccc	tgccctcttg	cccggctagt	480
ttccctggag	agaggcctag	ccaacaacga	agggacggat	tttaaaacag	cgagaactgg	540
gtgccaaagaa	acacttcata	ttccctgaac	ttttctggat	gttgtgcgaa	cctgttgat	600
tttttttttc	ctgtattttg	gttctgaggg	atgagtaatg	tgtttttagt	tcgttgagtt	660
tatccattct	tcaatcccct	aaagccttca	gctgttcttt	catatgtggc	caacatttta	720
agtacagtgt	ttgcttttat	aagtcggtgt	tacttggatg	tcctataaaa	taccactttt	780
ttataaagat	gatatttata	acctaggaac	tcatgcctgt	cttggctgca	gtccctgtac	840
atctaata	tactgatttg	tttgccccc	gagaattttt	aaggatatctg	cctatatcgt	900
gatcttttga	aatggtaaat	aaatctggtg	cattaaaaat	taaaaaaaaa	a	951

<210> 2930
 <211> 1842
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1842)...(485)
 <223> similar to gi3941320 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2930

aagtacaaaa	taatatttta	ataacatag	aacatgaaca	tgaaaacaat	gtaaacaggt	60
tagaattttt	ggatatgata	cctaccaa	gtgatttgga	accgtaccgc	aactgggtaa	120
aatttctatg	gcaaaaggat	taaccaaggc	atatcatagg	aaatccactt	tgcccaatat	180
aagcagttct	cagcacatac	tcaaatgcac	acaaacatga	aaatcgga	ttaaaggaatg	240
ttaaaaaaat	aacttaggca	gacacaaata	aaaccacccc	actagtgtat	gaatgatgcc	300
acgtttctta	tgatcttaat	tacatttaag	gattttaaaa	atgccactga	tctcacagtt	360
tacaatatcc	aaatcttcaa	acctgctgga	agaagtccca	cagcacagcc	tggaaattcg	420
catccgttgc	attctctcgt	gcagttacct	gcttatgggc	tgtaccttct	gccttgatat	480

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gtagtcagtt cttcctgaag gatggaagct ctcttttgca gaaaattaac ctgtgatttt 540
agggaggaaa tgggtgtcttc aagttcttgt cttagggatg ctggcatcaa tcctttcaat 600
tttgtttcat attcttgtcg tatgtaagtt atctgttcct gtgactccaa ttctttgtgt 660
tgtaattttt tctctgcaca tcgcacctga ttagaacggt tttctaattc atcttgtaaa 720
accttgattg cttgggtcatt atctctaatac agctgcttct tctcatcttc aaacttttgt 780
ctaacatcct ggagccgcct ttctgcagca agctgctgct ggctgttctc ttctttcaga 840
gaggaaaatgg ttgtctgaag ttctgctatg atctgtgaag atttggcaag cttctgagtg 900
tattccttct caatctgctt cagcttgctg ttggcctttt ccagtgtcat ctctgtctca 960
gcagcatgag tctttttcag ctctattttc atcttttctg attcagcctt cagtttattg 1020
acgacaatct catgttccct tgtagccctt tgcttttcct cttcacgaag aagaccaagc 1080
tctaccagct gctgtttccg ctgtgagttc acattgatca attcttctct caacttgatga 1140
acctgggcct ccatgtcggc aataacctgt gcatctcggt tcttgaactc ctgaatttga 1200
ttttcgtgct ccatattggc agcgcgaagc tgtttttcca ggttttcaat ttcccgttca 1260
tggtctcggg ctaggctatc cttctctgct ttatgctgct gtaataggtg cgtcttctcc 1320
tggtcatgct ccagcttcag ctctactatc tgttggtcat accgctgtct gatgtctctc 1380
agttgccata aaaactcctt tgattgtttc tcacgaagag atttggatct agttagatct 1440
gcctccactt ttccatttc aaagcttcct caaatttatg aattttcttt tgagtatctt 1500
cttttccttt atcaagttca ctctgcaagt catgagcctt tttttcatag atgtgtttta 1560
gatgactttt ctccatctga aacttatttt cttgatccct tagttgttgc tttctttgaa 1620
gttctgattc ctgtaactgc tgttttaatt gacagacatt ctgctctaat tcttcaatca 1680
tactagatgc cttagaagct gaaagagcat gttcttggtt tagaagggtt atatcagcat 1740
catatttggt ttgtaacagt ttcattgttt gtcataatc atttacaaga tggtccttct 1800
ctttatgcag tgtgttacgc cttgccttta cttcttgtaa tt 1842

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```

<210> 2931
<211> 856
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(857)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(263)
<223> similar to gill163054 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 2931
cccaggagcc ctgcgagcag ccaatccgct tctcactccg cagctatcag acagagaccc 60
tgcccatgat cctgacctcc accagcccca gggcacctc ccggcagtc agcacagcca 120
cgagctccag ctccacaggc ggctccatcc gcaggttctc ctttgccagg gctgagccgg 180
gctgcctggt gccctaccg cccccgccat acaccaccag ccaactcaatc cacctggctc 240
agccatctgg tttcctgggtg tcaccccagt atttgcetta cccctccag caggagcccc 300
cactgcctgg gaagagctgt ccagacttca gttccagttg acacgcccag gccatgaatc 360
cacaactcag tcagatggca gacagggtga gccctgctcc cattgccaca tgcaattctg 420
agaaaatttc ccttgtaact gatcagtgct atggaggagc atgctaggaa aacacagcac 480
cttctaattt gaaagttcct gtctccaatc acagaaaggc taaaccagag aactgttttc 540

```

tggttttgca	aacatgtgat	cattacat	caatctatgc	tacttttatt	caaaatatgc	600
agcagtttga	ctttaaagtt	gcaaactggc	taaaaacggt	ttactggaca	ttcagctata	660
ttgcttagaa	aagggtctaca	tggtttctttt	tcatataagt	tgttcattga	gttatgatag	720
gaatatattc	ataaataagc	aaagaaaaat	acctaattgt	aattatcaaa	ggttcactta	780
aaaaattaac	tattaggtaa	acttaagggg	gcagtgaan	aatctattta	tgatttcggg	840
agtaaccnna	accatg					856

<210> 2932
 <211> 2424
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (104)...(1893)
 <223> similar to gi2765125 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2932						
tttcgtctga	ggctgaggct	ggggaacatc	gggcagcatg	agcggtctgcg	ggctcttcct	60
gcgcaccacg	gctgcggctc	gtgcctgccg	gggtctggtg	gtctctaccg	cgaaccggcg	120
gctactgcgc	accagcccgc	ctgtacgagc	tttcgccaaa	gagcttttcc	taggcaaaat	180
caagaagaaa	gaagttttcc	catttccaga	agttagccaa	gatgaactta	atgaaatcaa	240
tcagtctctt	ggaccctgtg	aaaaattcct	cactgaagag	gtggactccc	gaaaaattga	300
ccaggaaggg	aaaatcccag	atgaaacttt	ggagaaattg	aagagcctag	ggcttttttg	360
gctgcaagtc	ccagaagaat	atgggtggcct	gggtctctcc	aacaccatgt	actcaagact	420
aggggagacc	atcagcatgg	atgggtccat	cactgtgacc	ctggcagcgc	accaggctat	480
tggtctcaag	gggatcatct	tggtctggcac	tgaggagcag	aaagccaaat	acttgccctaa	540
actggcgtcc	ggggaagcac	attgcagcct	tctgcctcac	ggagccagcc	aatgggagcg	600
atgcagccta	aatccggagc	agagccacac	taagtgaaga	caaaaagcac	tacatcctca	660
atggctccaa	ggtctggatt	actaatggag	gactggccaa	tatttttact	gtgtttgcaa	720
agactgaggt	cgttgattct	gatggatcag	tgaaagacaa	aatcacagca	ttcatagtag	780
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ccaacacttg	tgaagtccat	tttgaaaaca	ccaagatacc	tgtggaaaac	atccttgagg	900
aggtcggaga	tgggtttaag	gtggccatga	acatcctcaa	cagcggcccg	ttcagcatgg	960
gcagcgtcgt	ggctgggctg	ctcaagagat	tgattgaaat	gactgctgag	tacgcctgca	1020
caaggaaaca	gtttaacaag	aggctcagtg	aatttggtatt	gattcaggag	aaatttgcac	1080
tgatggctca	gaaggcttac	gtcatggaga	gtatgacct	cctcacagca	gggatgctgg	1140
accaacctgg	ctttcccagc	tgctccatcg	aggcagccat	ggtgaagggtg	ttcagctccg	1200
aggccgcctg	gcagtgtgtg	agtgaggcgc	tgcagatcct	cgggggcttg	ggctacacaa	1260
gggactatcc	gtacgagcgc	atactgcgtg	acacccgcgt	cctcctcatc	ttcgagggaa	1320
ccaatgagat	tctccggatg	tacatgcgcc	tgcagggtct	gcagcatgcc	ggccgcattc	1380
tgactaccag	gatccatgag	cttaaacagg	ccaagtgtgag	cacagtcag	gataccgttg	1440
gccggaggct	tcgggactcc	ctgggcccga	ctgtggacct	ggggctgaca	ggcaacctatg	1500
gagttgtgca	ccccagtctt	gcggacagtg	ccaacaagtt	tgaggagaa	acctactgct	1560
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cgcgggcccag	ccgctccatc	cgcattgggc	tccgcaacca	cgaccacgag	gttctcttgg	1740
ccaacacctt	ctgcgtggaa	gcttacttgc	agaatctctt	cagcctctct	cagctggaca	1800
agtatgctcc	agaaaacct	gatgagcaga	ttaagaaagt	gtcccagcag	atccttgaga	1860

```

agcgagccta tatctgtgcc caccctctgg acaggacatg ctgaggcagg ggacagtgtc 1920
ccctgctacc gcccgccctt acccatggcc cgttgctgga tgactgttac tcttttttca 1980
gaagggtgtg ggattatcac aggttaagcc ttttgttccc cgtctgcacc tgaagggttg 2040
tcgcctggcc tgggagagcc tcttccaggt tttgacctgc aggcagtgtc ctctaacagg 2100
accatcacag cttctgaact gagccggaga gagagaatgg aattgctgac ccctggaact 2160
ggcgggtatt ctggtcattg aggagacacc atagtggaaa ctggggctta tgctgctgcc 2220
tccaggggtg gaggtgggtg gggacctgtg tcaggtgtgg atagccattt ctgctcaacc 2280
acacattctc taagaaacag cttgaaagct ctgtctgggt cattcattta aactagaagc 2340
agaggcactt aaaacatgta ccaggaacca tttaacaaag aatataaaat gtcacaatct 2400
gtgtactgtt aaaaaaaaaa aaaa 2424

```

```

<210> 2933
<211> 1469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1442)...(958)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2933
cccacgcgtc cggcatctac cttcccgtgg ttaaagagaa actggaacag taaatggcag 60
tatgtataat ggttaagagc aagaccggag gctcagccag ttcataaaag cctacaagac 120
gggcaacatg gaccaggcgc tgtccctgtg gttcctcctg ggctggattg gcggagactc 180
ctgcaacctc atcggtcctt tcttctgtga ccagctgccc ctgcagacct acacggctgt 240
gtattatgtc ttggcagacc tgggtgatgt gacgctgtac ttttactaca agttcaggac 300
gcgccccctc ctgttgtctg cccccatcaa ctccgtgtctg ttgttctca tggggatggc 360
gtgcgccaca ccgctgtctg gtgctgtctg gcccggtggt gccctagggt aagccttccg 420
ggggcgggcg ctctgttccg tggagtccgg cagcaagccc ttcacccggc aggaagtcac 480
tggcttcgtc atcggtccca tctccagcgt gttgtacctg ctttcccggc tgcctcagat 540
ccgcaccaac ttcctccgga agtccaccca ggggatctcc tactctctgt tcgcgctggt 600
gatgctgggg aacacgctgt atgggctgag cgtgctgtct aaaaaccccg aggagggcca 660
gagcgagggc agctacctgc tgcaccacct gccctggcct gtgggcagcc tgggcgtgct 720
gctgctcgac accatcatct ccatccagtt cctggtgtac aggcgcagca ccgccgcctc 780
ggagcttgag cccctcctcc ccagctgacc agaaccaggc tgagcgcagg aggacaggca 840
ccaccgatg ccacaccagg caggaggagg tgtggacagt gatggtacgg cggccctgca 900
tcagcctgcg ggtggcctct ggatcctccg tggaccgaac cgtcccccca ggaacacacc 960
ttcaggtaga ccccgaaagg tcaaggccgg ggctggagcg gagacccag ggcctctcag 1020
gagacagtga ggtgccccct cctaccacct acctcattct gcctactcac cccaggggcc 1080
acagccacag cctgctggac tcaggactgt cctgtcaact ccagacaact gaaataaaca 1140
ggccgggtac agtggctcgc acctgtaate ctagcacttt gggaggccga agcgggtgga 1200
ccacttgacg tccgtagtgc gagaccagcc tggccaacat ggtgaaaccc ccatctctac 1260
taaaaaatac aaaattagcc aggtgtgggt gcacacatct gtagtcccag ctacttggga 1320
ggctgaggca ggagaactgt ttgaacctgg gagacagagg ttgcggtgaa ccgagatcgt 1380
gccactgtac tccagcctgg gtgacagagt gagactccgt ctcaaaaaaa ataaaaaaga 1440
taaccgagga aacggtaaaa aaaaaaaaaa 1469

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<210> 2934
 <211> 1293
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1294)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1114)...(1268)
 <223> similar to gi500734 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2934
 tttttttttt ttgacgcggg gagagattta atttacatag cagccacttg ggggtccagtc 60
 agagctgggg cagtggggga atctataacc ccagagggta cccccagac cccaccccc 120
 gggagaccag tcctcaccaa cccttgatg ggctcccaag gttgtgcaga agatgctcca 180
 gtcaaaagga tagagacatt tgggaaataa aggtgtccc caaagttggg gggaangtcc 240
 acggcctggg agtggatagc ctacatgggtg gccccagggg gtctgagaga ccagtcccat 300
 gtccctgggc gagtccctca gcctgggtgg ccctagagga aagccttcgc gggcggaac 360
 tgttccctgg aggagggcgc ggtactgggc aaaatccttc cttccacac gggtgacgcc 420
 gccttcctta gcataccac aacttcccgg cacaccagcc ttgataaagc gcttcattcg 480
 tgggacacca gaatcacacc aacccctgaa attgtttgaa ggcaaggccc cagagcctca 540
 atggctctcc catgtccaag gtgggtttgt gggttcatcc cagaatgtag aaagttgggg 600
 cagggaata gtccatctga gcaaaaggcc acttcggctt ctttctggcc cccaagacag 660
 gctggcaag aggacgcatg gccagttct cggagatgc ccataccgaa cccaagctgg 720
 tgacnggtac tcctcctcag gccgccccag gaaaacttgc gtgcccagca agttcccaca 780
 agcactgaac gtttaggtcc cagctgctcc cacatgggtgc tggctgaaat agccaatctt 840
 cagattcctg tgagcgtgtc tgatgccccg aacagggtgcc aggtcccca aaagcagctt 900
 cagcatggta gacttcccag cccattctc tccaaccaca cagatgcgag actcgagatc 960
 agcagacaca gagaggcgac tgaagatgac gtgcttcgga tcgtagtaga aatccacctc 1020
 atctagctgc agaattggcg gcgagaactt ctcaaaccga tcagggaact tcattacgac 1080
 ctctgattcc ttgtccacag gcttcagctc aggcctggga gaagagatga ggtagactag 1140
 atttattact taaaaaata acttcctaca cgagtaatat atgttcagag aaaacttaga 1200
 aagggttgt actcctacca ctacaggtatc attactttag agtccattct tctcatttac 1260
 tgtatgctaa aaaatagaat taggcttttt gtg 1293

<210> 2935
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(608)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (583)...(176)
<223> similar to gi2773297 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2935
ctcaaagaga tcttcagcca tacgcatcat cataatcact gtcaaaagac agatttttct 60
tttttttagaa ttttaaagt accttttaaat ttgtctcctgg ggcaaagagc caggactggt 120
actagagcag tgtctgggat gagaagaatt taataaaatg ggattagggtc caatgggttg 180
gttaggggag gcaacctgct cgggaggatc agcctcaacc tatccatgca gcagggcctc 240
cacctgtccc tctccgtagt cccacacctg gaacctcagag ccatctgcct cttcccagat 300
catggccgac agcactccac cagactgcgg ctggagcagg cacaggattc acttattgag 360
ggctgtggcc tggcacaat catagcctat acccaggagc agttgtgtca cttctgccac 420
caccacatcc gccttctgca gccacatcaa gtaccactca tggatgagcc cgtcaccccc 480
agcggactta tcaacccgcg gtccagctcc acagccgcca cgtgctcggg gagcactggc 540
tccaagcatg gcagctgcca tacaatccac ctgtagaggg gcccgncct ctgtgctcaa 600
aggatgg 607

<210> 2936
<211> 1071
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (929)...(187)
<223> similar to gi3876090 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2936
tttttttttt ttctaaagct ttattttattt tataaaatgc atagaataaa ttatactagt 60
aacatttttaa aaattaacat ctttgtattc agcagtcctg ggtcaggagg caggaggaga 120
gtagtgggga cgggatggct cactgggcag ctaaccogtg taggccactt cctcctcgtc 180
actgccatcg gggacgcgct ctgtcccaaa gtacgggtcg ccaaagttcc caatgcctgg 240
gatgatgcgg aaaaggatcat tgaccogctt gtccacggcc gtggtgatga ttctcactcg 300
cggaaatgca taggccactg agtgacgcgc catctctgcc atgagcagcg acagcaaaaa 360
gatcttgtcc tcaggcacgt cgtggtccag gagcacgcgc actgccatca tggccgcgcg 420
gcccgtagac acggtgcagt ccatgaggat cacgtggtca tcgctgatgt ccttgggcag 480
cctcaggtag tggagctcgg gcagcagggg tcaggctcgg gctccccggg aagctgggtg 540
gtctggatga ggatggtgcc gatgcgcacg tctttgcaca cagcgcgcag cgcgggctcc 600
atggtttcac cggcgcgcag aatggacaca ccggtgatct gcttccccgc atagcacttg 660
ccgcgatagt cctgccctcg cggggtctgt acgacgcagt cctgaaaggg caggaaggag 720
agcgcgtgct cgatgagcag ccgcatacgt ctcttgagat agaagatgaa ctcgtcgcga 780

ctggtctcct	tgtccctgtg	gggccaaacag	ttgagcgggga	gcacgcgccc	ggggccgccc	840
cgtccccagg	tgggccctca	cctgatgatg	gtgtgcatgc	cccgtacctg	cggcgtgctc	900
ttcaggacgc	tcagcgtccg	gggcagcggg	tggcactggt	gtgccgaggc	cagcgcagcc	960
ctggggacaa	accgatggg	aacactcaag	aagggggtct	tttcccagag	ccctccctcc	1020
ccacaggacg	gctgtgctgc	actgtgaggg	gaaccctcgg	ccaagctggc	g	1071

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<210> 2937
<211> 1586
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1583)...(1239)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2937						
tttttttttt	ttatacttta	tgttttactt	cttacttcaa	acatacatcc	ttgattaaaag	60
aacaaaaaca	actcactgaa	gggtgataaa	ataatcaaaa	tgtatttgcc	cctgaaagtg	120
gaattactac	ctcaaaaaga	atacaactct	ttcattttcc	ccaaaataat	catgtgagtt	180
catgggcatg	ctcatcactc	gctgtctgtg	tggaaaaaaa	aaatcgaaga	ggggattttac	240
tggactgaac	tggcctaggg	agcctttgtc	gggcatctct	caggactggg	actgcaggcc	300
cagatccctt	ttactcagga	tggcatggca	cttaggaaca	tggaaaacag	ttaaggataa	360
acggctgggt	gggtattttat	ttaccttata	ttgcaggaaa	catttttatg	acttccctaa	420
ccctggtttt	ccaattagga	aacatccccc	acttaatgga	aattgtcaat	aaatgctggc	480
tcaaacacc	ctccccaaat	actgaaaaac	agtacatccg	tttctctggt	acccttgcca	540
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aaatagctgt	ttaccactgc	ttttctgagc	atattttaagt	aatacagaat	ataaaggagc	780
aaacaaaata	tgaagtttat	aaaagatttc	aaacactttt	ctaaaaatat	gaggcccata	840
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atagatatat	agaccttaat	aaatgaagtg	ttcttaaaaa	ttttatatgg	aaaaccagtt	960
agctttaatt	tcttcacaat	ttttatggat	ttatccagat	caaggacaac	ttatgtggca	1020
gctatccgaa	aatcaggcta	acaggaaccc	caaaatttga	aaataggaat	aatattagca	1080
agagaaaaac	ttcaattcta	tgtgacacaa	taaattacca	aagtgaattt	tacttacaat	1140
tagctaagaa	aaacaagaaa	gaccatctga	acttgcaacc	cagtggcttg	acaaaagcaa	1200
tccaaaactt	taaagttggt	aagccaaact	aacaagggtg	acttgaggct	gggcacagtg	1260
gctcatacct	gtaatcccag	cactttggga	ggccaaggca	ggtagatcac	ctgaggtcag	1320
aagtttgaaa	ccagctctgg	caacatgggg	aaatcctgtc	tctactaaaa	atacaaaaaa	1380
tggctcggca	tgatggtgca	cacctgtaat	ccagctact	cgggaggccg	aggcaggaga	1440
accgcttaaa	cccaggaggc	agaggctcga	gcgagccaag	atcatgccac	tgactccag	1500
ccccaaaagg	ctgctccaca	atggatgtgc	tgtggcgtat	actttagaag	cctttgtctt	1560
cccgacgcg	tgggcggacg	cgtggg				1586

001210"52459

2025-03-20

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<210> 2939
<211> 1991
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1994)...(1385)
<223> similar to gi4929603 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
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1746

gtgaaat	ttt	aattacataa	attcttcaaa	gcataaaactt	ggaat	ttttg	tcttggaat	360
gttataaa	aat	ttttaatagc	aaaacatagg	aataaaaaaca	tattaacaaa	atgtattcaa		420
tcatttacat		tacaaacaag	gaatctgcag	ttcattgttg	tagcctgaca	aaagaaatca		480
tatctaccat		taagaatcta	tgcacaatgt	gattgcaa	atgtacagta	ctttaaaaaa		540
gcctacaagg		aggactttac	agaaggaaaag	tcagctaggc	tctttgttaa	accaaccaga		600
caatcaaaa	at	agtaaaactc	tgttggctag	taataaat	acacttaaaa	aaacccttag		660
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cacgagagtt		ccagtaaatt	acccttcagt	tcatttgtcc	gggaaagatc	agcatgttaa		780
caaaaaataa		taaaggaatt	ttcaccacac	tagctttcca	gttacctat	cacagcttca		840
caa	atggatt	gaacccatgt	atccagtggc	agaaagagag	ctgcatgtga	aataccgaga		900
acattgg	tg	caacagggca	agtcctgc	aatgtcaga	aatgatggat	aaggttgaga		960
aacagatgcg		aggctacttt	atacagcact	agaaaattgt	ccctacattc	agctctcatt		1020
cccattcctg		caaggtaatg	aagctgggaa	tcacgactgt	tcagt	tttaac	gtgtgtgtg	1080
aattagcaga		accacctcta	gatacaaaaag	actgagattt	catcagctct	ttgattagaa		1140
caccctaaag		gttgggcact	tcttcatgg	tatcaagcct	ttacagctac	ccagttaaag		1200
catgtgcaaa		acagaggact	cttctgttca	cagtaaatga	ggtaagatca	agttgtgtc		1260
ttcaggaatt		aggaagt	tcg	tgagatatga	actgttttag	tctttctagg	tattgtgcat	1320
aaagctctat		gtcattatgc	ccagcccctt	caacccaaag	gggctccacg	gctcggggac		1380
agcgctcgta		catcgctagg	ccatgggaga	aatcgatgac	ctcatcctct	gtacatgaa		1440
tgaccaacac		aggagaggtg	actttagata	tcttgtcaat	gctggggaaa	gcatcaaagc		1500
agtatgtttt		cctgggtatcc	ggaaaagcca	cacgcaaacc	agacatcaga	ggggaatgga		1560
gaattaccgc		tgcgcattca	tacctcgagg	ccaagtctac	cgtggggaca	gtcccaatgc		1620
tctgaccata		gaggataatg	ttctcgggac	tcacgccata	ccgggtgcgc	agcgctgcc		1680
acgcggcg	ctc	gatgtcggcg	tagaggttct	tctcggagg	cttgcccag	ctgacgccgt		1740
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agctgcacat		ctggcccagg	tccacggcgt	tgccgtgcga	gaagagcagc	gtgtagcggc		1860
tggagggcgc		gcagcgcacg	aacatgcagc	cgagccggtt	gtcccgggcc	gtgcgcgaga		1920
agaagacctc		gacggcggtt	cagcccgtc	cgagtattgc	cagtcggcgc	gctcgctgag		1980
gtgcaggctg		c						1991

<210> 2940

<211> 872

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (873)...(285)

<223> similar to gi3694664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2940

tttcctgtgt	gaccaaagcc	aaaggctaaa	cctggctgca	ttttattgga	tgggtgatgg	60
aagtgggtgg	gagtactatg	gtaaaggagg	gatatatggg	tgggagccac	caacaaaagt	120
ccccatccc	cctcccccaa	cagaaaggag	agagacaacc	ctttcccctc	aggtgatctg	180
gaattccagg	gcctctgcc	gctttgcagg	aggtgcacag	aagctggatg	cttttgggtct	240
ggtggccatg	agctagactc	tgttgccctt	ggttgctttt	cactccacag	caaaccgcga	300
ggtctcctcc	acggctgtca	gcagcttctc	gtagagcttc	tcataggact	catatggtgg	360
aatgtcgatc	cggttaaagc	aggtatgggc	cttcggaagg	ttgtctgtgt	tcgcgtctat	420
caggtggatg	gtgaacagcc	ggggccctgc	cgcgctgta	gatccttgca	aagccttgaa	480

gccttgaggc	gggactcgcg	tggacccagt	cacaaactgc	aggagcctgg	ccctcctttc	540
ttcatcgaac	gtctccaccg	cttgccagaa	ccaccgcacg	atgttgctgt	cggccacaca	600
gtgcttcagc	cgctgtttcg	acttccagtc	gttcaagtct	attttatcca	ggccgcctat	660
gatcagctcc	agttccttct	ggtcaaaagg	cttcagcaga	tggtgagggg	tgagctcatt	720
gaaccccttc	tgcagagcta	agaactgggc	ttcgattcct	ctcataaacc	tccagtttac	780
atacaaccgg	acgtatttct	ttcctattct	gctcctgtga	ctggcacatt	ctgcccattg	840
ggtttcagtt	acatgcgcag	gattcggccg	aa			872

<210> 2941

<211> 2434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2434)...(2145)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2941

accagtaata	atagttttat	ttgattttta	aatagtcatc	aatgtgaaaa	tttctcaaag	60
cttaagagta	acagtctaga	gccaaagggtg	ggagtggggg	ccaggcctca	cacagagccc	120
agcttgaggc	ccctgagccc	caccctcctt	tccagaggga	gggaggagac	agctgagggg	180
gccctgaatc	agtcctctcc	ctcgtcccca	aggccagctg	tgccaggccc	ctggagggca	240
acagctcatg	cggaggactg	ggggggggaag	caaacaggta	ggaaacggaa	atgagggtta	300
caattacacc	atcaccccca	aaaaaaaaaca	aaataacaaa	acttgtgact	atgaaaggat	360
ggaagatgaa	tactgataaa	ctcctcagct	ccccagaaaa	gcccagtcctg	ggctgggttg	420
ggctgattgg	aggaaaggtc	ttgagaccca	actgcatgtt	acctctgaag	aataaatatt	480
ctaagaaaaa	gggaaaacca	tgaggcaagc	tgctgcagtc	agtcaacgca	gctgacaggc	540
ctggcatggc	ccacaacctg	accccatcca	cacaggaaac	agctgtgcgg	gtctggatag	600
aggagaggtc	aagggtcttg	actggggacc	ctgagctgcc	aagggtgtgg	gactccttgc	660
agtctgggtg	cagcaatggc	aggaaggcca	gcaggggccc	tagttgagca	ggttgccctg	720
ctcctggggc	tgggtcaggc	tgtccttgcg	gtgcagggtg	tgaaccccca	tcctcttggg	780
gctgcgctgg	gggcgactgg	agctggggag	tggccaggcc	ctgccctcgg	tgtgggaagt	840
gcctggcccc	tcctctgtgc	ccctgttaat	gggcagcagg	ctctggcgct	cttcctcagg	900
actgataggc	aggttcagct	cttcttcctc	cctgggaaag	ccagagtcag	gttctgtggg	960
tagcaaaaagc	tcactctctt	cgggtcgggc	agaagggtgcc	tggaccacct	catctctgtc	1020
agcggggcta	tgggcaaaat	ggcgtgcag	ctcaggggag	gcatcgcgtc	caaaggctgt	1080
gcgctgggca	acagcagcag	gtggtggagt	acggtccaca	aatgcccgtc	gccagctgac	1140
cagcaggctc	tcttcagagc	tggcagagct	agctggggca	ctgagtgtta	ggggtgctgg	1200
gctgggctgg	tgggtgggtg	aggcctgggc	tgaggcaggg	gtgctgggca	ctgggctggg	1260
gcggggcccg	tcactccctc	cctctaccag	gctcagggaa	atggcctggc	gggtagcgta	1320
agtgcagttg	ggcagggggc	atgttgccgg	ggatccgaac	cttatcctca	gagaactcta	1380
ttaccctgcg	gccaggatac	agtgggtgtg	gtggagacgg	ggttgggtag	gggttcagct	1440
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ggcactcccc	attgtgttgt	ggggtggggc	tgccatgtgc	ccgggggact	ggctggaata	1560
actgggacac	cctcactcat	gtccacatgc	acaaagacat	cctcagccaa	ggggcgcccg	1620
gcgctgcctg	actgggctga	attgagcagt	agagactccg	gcttctctaa	cactcgggca	1680
atgactgagg	taggcaccac	agcccctggg	gctaggctgg	gagcaggacc	tgggctggcg	1740
gcctcttgac	cactgtgcaa	atgtttccga	accatgtcct	gtagctcaca	gggcagctga	1800

ggtaaaagag	caggaaagag	agacatcaat	gatcgcagcc	aaagataact	tgactcatgg	1860
cgaaagtaat	ggctcccacc	tttaagtacc	tctgtgtact	cagcactctg	ctatctcctg	1920
ttcttacagc	atgccagtgt	gtataccctc	acttcacaga	cacataggcc	tgagagaggg	1980
aagacaactc	aaagcttttg	ttaacttggc	caagatttaa	acccggatct	gctgctgcag	2040
ccagcatggt	ctcaaacttc	tatctcccag	cttctgcccc	aaccatactt	aagtttgagg	2100
aatctgcata	gaccagtagc	cttagaaata	cctctacttc	tgggccgggc	acagtggctc	2160
atgcctgtaa	tcccagcact	ttgggaggcc	gaggcggtg	gatcacgagg	tcaggagatc	2220
gagaccatcc	tggttaacac	gatgaaaccc	catctctact	aaaaagacaa	aaaaattagc	2280
caggcgtggt	ggtgggcgcc	tataattcca	gctacttggg	aggctgaagc	aggagaattg	2340
cttgaagccg	ggaggcgagg	gttgacagtga	gccgagattg	tgccactgca	ctccagccta	2400
ggtgacagag	caagactccg	tctcaaaaaa	aaaa			2434

<210> 2942
 <211> 671
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(672)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (635)...(580)
 <223> similar to gi840708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2942						
ggcgtgtgct	gatccgccat	cccactgtgg	agatgaaggt	gtgtgctgat	cccccatccc	60
cctgtggaga	tgaaggtgtg	tgctgatccc	ccatccccct	gtggagatga	aggtgtgtgc	120
tgatcccccg	tcctcctgtg	gagatgaagg	cgtgtgctga	tcccccgccc	ccctgtggag	180
atgaaggcgt	gtgctgatcc	gccgtcccc	tgtggagatg	aaggcgtgtg	ctgatcccc	240
atccccctgt	ggagatgaag	gcgtgtgctc	atcccccatc	cccctgtgga	gatgaaggcg	300
tgtgctgata	ccccatccca	ctgtggagat	gaaggtgtgt	gctgatcccc	catccccctg	360
tgagatgaa	gggatatgct	gatccccctg	ccccctgtgg	agatgaaggg	gtgtgctgat	420
cccccatccc	cctgtggaga	tgaaggtgtg	tgctgatccc	ccatctccct	gtggagatga	480
aggggtgtgc	caatcccccg	tgccccctgtg	gagatggagg	cgtgtgctga	tccccatccc	540
cctgtggaga	tgaaggtgtg	tgctgatccc	ccatccccat	gtggagatga	aggggtgtgt	600
tgatccccctg	tccccctgtg	gagatggtgt	gtgcgaattc	caccgcntgg	tctaattggtc	660
atcagttcaa	g					671

<210> 2943
 <211> 1821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1637)...(707)
 <223> similar to gil67778 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2943

tttttttttt	ttctgggtacc	caaaggggtcc	tttattcttt	atcatcctat	ttgagtttta	60
ttgtttttac	acagctggga	aatgcttaag	gtacaaatta	ataaatttta	aactcagtat	120
ggaaaataca	tttaataaat	taaagcaaaa	accaaagatc	tgaggagatc	caagagatca	180
agacaatctg	taaccagagt	ctgaagtatc	caaggagcta	cttttttttg	aggcatattc	240
tcctcagctt	ccagttatca	tttgataaac	acatcagcaa	aagggttcagt	gtttttaaca	300
aatgtagact	ttattttgta	ctgtacaaag	tgctaattgtc	agtagatcca	ttaaaatata	360
gaatatTTaa	gaaagatcat	taataaaaagt	aatggtcatt	caatttaatg	ttacagttta	420
cagcgtttta	ctgctagtgt	tttaagtcag	catgagcagt	atcaaagtac	ttatgtagct	480
agttttctaaa	actttacaga	aaaccagta	caattccaag	tgcttatagc	caatataagc	540
atatttcata	ttagaaatag	ttatccatat	gttaacaaga	aactatggtc	ctcaaatatg	600
ccaatttttag	agtctaataa	ctactgatag	taactatgta	aataattttg	aataaacagt	660
tattttacgca	agccacactt	cagctgagat	gatcactaga	catctgtttc	cagagcttca	720
acaatgtgtg	cagcagaagg	acgatcttta	gggtcttcat	tagtgcatat	agagaagagt	780
tcaattactt	tctgggtatga	ttcatccagt	tcttccatat	taataggtgg	cctagttccc	840
aacgctgcat	agtatgcttc	atcatcaaaa	tcactttcat	caaaagtttt	atcttcatca	900
tcatcatcat	ttgaaagatt	aatgtgtgga	atcgataaag	tcatcatttc	ccacaaaagta	960
aggccaaagg	caaatatgtc	tgctttgtca	gtaataacac	cattctcctc	cacagcttct	1020
ttgggttttc	atggctctgt	gccaatgtaa	caagcctcag	ggtcagtcac	agtcataatt	1080
tcattccagt	gtagagagac	tcctacatca	cagattttta	ttgtttcaaa	atcgctttta	1140
attacaacat	ttgaagactt	tatgtctcca	tgaagcagtt	tcttttcttg	gtgcagatac	1200
tttaaccctc	ttgccatatt	caaagcaact	tttaaaatta	tggctgctgg	aaaaggatct	1260
tggctggctt	tatatcggtt	ttctattaag	tcatttagag	acttttcacc	tccatattcc	1320
atagcaagac	acagactgcc	atcattggct	tcagtaaaag	cacgataacc	aacaatgttt	1380
ggatgatgaa	ggcttttcaa	aatcttagct	tcatccatta	gtctcttttg	atacacactt	1440
cgataatgat	cattacatat	aggattaatc	ttttttacag	cccaaggaga	atgagacaaa	1500
cctcttgag	atcttttcat	taggtacaca	tttaccacag	taccaagcc	aagcttctgc	1560
ataaacggag	aggccgggat	atttatagtt	ggagttgaac	ataatacaga	tttctttttt	1620
tctgataatt	tgcttggtgt	cttgaaatta	ctgatccctt	ccattgtgaa	agccactctc	1680
agtccagagt	ctcaccgcct	ggaaggaaag	gtcggaggtg	aaaataagtc	gtggccaagt	1740
acctcttcaa	aattgggtccc	gagcggcccc	cagcgagacc	ctgcagctgc	ctctagcacc	1800
aacacatacg	cccgtctcgtg	c				1821

<210> 2944
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(313)
 <223> similar to gi56589 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2944
tccacatcaa aatcccaagc aagcggtttt ataaaaactg acaagctcat tttaagtcac      60
atggaaatgc aaagggcctg caacagccaa aatatatttg aaaaagaaca aagctaaaaa     120
actgttgcaa cctgagttca ggccttttat aaagctgtag taatcaagac aatgtggcat     180
tgccaccaa atacacaaat aaatcaatga aacagtactg ggagtccaga aatagatcca     240
tacatccata gacaactgat ttctgacaaa ggcaaaaggc aattcagtag gaaaagcgta     300
gtttttcaac aaatacaact gaaacaactg gacaatcatg cccaaaaaag cctt          354

```

```

<210> 2945
<211> 1498
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(136)
<223> similar to gi244774 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2945
aaaccctcaa atatatggtc aagtaatttt cagaaaaggat gccaaaggccc ttcaatgggg      60
aaaggacagc cttttcagag tggatgatggg ggatctggat agccacatgc caaagagtga     120
cattggaccc ttataacata ttcaaaaatt aactcaaatg gacaaaaata taaacataag     180
agctaaaact ttgaaattca gccttagttt gactgctaga acaaagtacc gtagaccggg     240
tggcttataa acagcaaaca ctgattttctc attctggagg tcagacatga gagaccacag     300
tgccagcacg gttgggttcg gatgaggcca ctcttcccgg tggcaaaactg ccaccttctc     360
ttgtggaaag agcttgctag cctccagcct cttcttataa gggtagctgt cccattcatg     420
aggactccac cctcattacc taattaccta gcaaagattc cacctccaaa taccataaca     480
ttggagtatt tcccatctcc ccccaaaaaa gtgccaaatg gtctgatgta aaaggaaaaa     540
aattcagtca ctgtgtccca gatctgcaaa ttgcacatct tgattttcag caccataaag     600
acaatcattt ggaagatccg gtgataatttt ttctctttta tgcaaatgtt ttggtgtcaa     660
gcagattgaa tttgtgggga ggtgtcctgt tagtgtggct ggtcactgac cattcagaag     720
gaagaaaatg tgaaacagat tgctcaagtg taaaggagtc tgaaaatgtc tgtcctcaag     780
cctgcaagat ttggaaccgt tctgcgtccc ttttccatag atataggaat aataagtctg     840
gattcagtag agtcatttga ccagccagcc cctcagggtg gtccctgggt ctgggcagcc     900
atgctctccg gagctgccct tgggggcaac ttccagggcc aagccagaga ggccagagct     960
ctagactaac gttagagttc caagtgtacg cagcagagaa gacagctatg ctgtgtgtgt    1020
gtgtgtgtgt gtgtgtgatt gtgccttctg tggatatcgg ctagggactg tctcaggaaa    1080
gcctctgcct ttggcggtgt tactggctgt caaaaccctg cccacagcct tatagacccc    1140
caaagaaaaa tgttctcatc cttactccag agatgttcaa acaggagtga ttgtctgaca    1200
gtgactacac tcacaggaga atgacaaaca gcaaggccca gctgtccctt ggtaccctca    1260
ggggatttgt tctaggacct ccaaataaca ccacagtccc agcatgctca agtcccgcag    1320
tctgtcctgc tgaacccatg gacaaaaaag gtcggcccct ccgtatgaga ggcttttcca    1380
tctcatgaat acacattggg ttgaaaaaaa tctgcgtttt agtggacag ccaggtttta    1440
acacattggt gttcaacggg tccacttgta ttcattcaca atacagattt catttttag    1498

```

<210> 2946
 <211> 2420
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1966)...(1071)
 <223> similar to gil255411 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2946
 tttttttttt ttgtcataa acaattttat tttttttctc agtatgtgcc cttgaagatt 60
 ccaaaatggt ggagtttctg attctcctgg gatcaaaggt aaaagcattg tatggaaaca 120
 ctcaaccttg gctcattacc ctctgagga gctaagtctg gaggcctcag agagagggag 180
 ctgacattca caacttattc caagatgggt aaccagtgta acaaagaatt agtaaaacat 240
 agactcagtc tgtagagggc ttcaaataa catattctat atatataaac ctgttatata 300
 ggatttcaac ttattgggtt ccttgtgatt tgtaattaaa gtacaaatta taaagatggt 360
 gcacactgct gatttcccct tctcagcccc cctccctccc caacataaat aacattacaa 420
 aggtcagggtg atcctaagaa tttttgttgt tgtaaatatt ttgtttttta aatcatattc 480
 cccttcctcc cctgcaaaact acctctgaga gtttgtaaca cagcagcatg gaatggacaa 540
 gactggggac agcatggagg tctaacggag agagcgcaga acgttgcttc tactgacgg 600
 gcaccagatg ggcttccgca tttccattga caacagaggc tacgacagga agcagagaa 660
 gtgcaatgcg gcttcacctt cctccaaaga gaaggctagc tggaccactg agaaaagccc 720
 taaaggcatt gaggtttttg gagacagagc acagctccag aaatgtcttg gctcagtatt 780
 tacacaatat cttgaagctg cactttcctt ttaagaaatg tgtgtttctg aagggtgcctc 840
 ttctgaggtt gggtggggga aaggagaaac gtaaaaacaa aaacaaacca attcccacat 900
 atgtaaaagt cctgttataa gtcttagtta ttttcacaca catcattaat agtagatact 960
 gacaatgatt gggttctttt cttattcttt ttttttagag catgagtaaa gagaaagaga 1020
 gaaggaagaa gtgcactaag gagagcgccg tcccttcttc agcattaagt gacactggat 1080
 ggtctggatt cggttcttgg ctgggacaaa ctcggtctga agcttcaatg tggattcata 1140
 ccacaccagt gctttttcaa attcttccat tgccacgtag acattgcccga gagtgaagtg 1200
 gttcacagca aagtgtggtg cgatctctac tgccatggtg gctactatga cggcgtcatt 1260
 ccagagcttg gcattgtgca agatgttggc caggctaatac aggggcacat ccttcatctg 1320
 gtgtggcgca tagtgacagag cctggcgagg gcagtcgatt gccttctttc cttggccttt 1380
 caccctccag tagagggctg ccatgctgga gaggaccag gacgtctggt tcttttccaa 1440
 aactttggca attcgggtgc caatctgttc aagcgactgt tgtggatatt ggtctttgcc 1500
 gagattttgt aatacctctg ttaactgact ctcccctgtg tagtgaggc tggctcgggt 1560
 ggaaacccca tgcaagtggc ccagggtatg catactcgtg gggagattgc cattgcaaag 1620
 aggtccatt gctggctgct gtataggggt ggcaaaatct atgtgttctg tgatgtcaat 1680
 gttttttgaa gaaactgcaa gccaggctact cacgatggca gtcagctcta cccagcggag 1740
 tttgaggcat tcgtccgggc tgggccatcc cagacgtctg tagtcacgtt ttttctctg 1800
 tggccaggga gatgccacct tggggccagt gatctctagg tttgcttggg aacgatgtcc 1860
 attttctatc tgacctgttt ctactttttt cccaggagtt ttcttatgat ctcccttggg 1920
 tttctttaca cgtttgacct ggaatgtaat ccattctgtt gcttcatcat cttcacttct 1980
 gcagtctcca tagcaagagc ttctggccac tccatcctgg ggacctttct tcagcaccgg 2040
 tattccttgt aagtctagac gccgcccttt catctctagt gcacccccaa agccttccaa 2100
 aggccatgcc tgttgaaatt catccaccaa agccagtatt tcttctgaca ttttggtttc 2160
 atctgaattc tccatctcat cagaaccatt gctctcctca accaccgtac tttcaagtct 2220
 aagggcattc gagtccctcc ctgaattctc aacagagaat acagggtcct cctctgttcc 2280

tctctcagag	ggctcttctt	cagcagcatc	cagtgactgt	gagttgtcaa	aatattttctg	2340
tttgtcatgg	ctgttgtcca	gggttttctc	atgacaatta	ccactgcaaa	cagaagaagt	2400
gatgtgttac	agaaaaggat					2420

<210> 2947
 <211> 1770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1771)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (21)...(344)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2947						
ggaattcccg	ggtcgagggt	tttgttttgt	tgctgttgtt	ttttgagacg	gaatctcgct	60
ctgtcaccca	ggctggagtg	cggtggcaca	atctcggtct	actgcaagct	ccgcctcctg	120
ggttcacgcc	attctcctgc	ctcagcctcc	cgagtagctg	ggactacagg	cgcccgccac	180
cacgcccggc	taattttttg	tattttttta	gtagagacgg	ggtttcaccg	tgttcgccag	240
gatggtctcg	atctcctgac	ctcgtgatcc	gcccacctca	gcctcccaaa	gtgctgagat	300
tacaggtgtg	agcccccgcg	cccagcctgt	tttttgtttt	tttttttagta	cctgactgaa	360
agagactagc	aaacaactcc	tgaaaatctg	taattgtagt	aaggttacta	cacggtaaga	420
agtgaagccg	caaaataaaa	acttccattt	tattttcctt	taggagccat	ggagcatatt	480
ggcaatttgg	ttctgactcc	taaaatcatt	ttactatacc	tttactactg	ctacattgga	540
gactgcaagc	agtggaaaag	aatagatact	ccagatctcg	tcgataaacc	caggctcctc	600
ctaaaccagc	cagattcaga	gagaaaaacg	agctggcctg	ccttattgta	ttacttgcca	660
tcaaggttca	atgtggttct	attaccaggt	aaagtcattg	accaaacaag	gtattttcac	720
aaagctaacc	tttttttaaa	gcatgtaaaa	attgtacatt	tgtacatata	cgcattacaa	780
ttttacatcc	aaagatcaaa	tagttaacag	ttcatttagg	gctttttgta	ttgtttgatt	840
ttccagattc	tgctactccc	ttggctttga	cctaacctga	catcattctg	tcacattatc	900
ttctaaatca	agtaaacggt	catttgtctc	agtaagcaca	atctatctgg	gtgacaccag	960
agaggtttct	gaagggtctg	gtgtacgctg	aggcagtgaa	ataggtctgt	tggcacagggt	1020
aagaagggaag	tggcatgata	aacatcacaa	ccccagggaa	cagccttcca	gagtggcaca	1080
agcactccca	ccgagatggg	ccagtgccca	cccgtaaag	agtcaaaacc	caaagttact	1140
gagtgtccca	caaagcaagt	cacactagct	ctcaaaggaa	gtgagctggt	tcaggactca	1200
atgaagcagg	gtcactttga	acactgggtg	tttgacatct	gtgaaagaag	tcatttgaac	1260
tcttataaag	agaattaagg	ggtcagcagc	ttccctggaa	aatgcaggaa	aaccaataag	1320
agaggggaca	gttttcatct	tttcataaag	ttcttctcca	gagctaccga	agttctctgt	1380
aaagagtaga	tattccgctt	cacccgatcc	tccagggagg	aagtagatgc	actctccagc	1440
ttcatgcggt	ggatgaactt	cccatcccg	gagtcagct	tctctagcct	ctgctcccgt	1500
tctcatcct	tagcatgcct	cttgaggatg	ttcagtcct	cctcctccct	ccatttggcg	1560
ttttccatca	tctcttgccg	ttttcgctct	aattcctctg	cagagagttt	tctggtgtat	1620
ccgggagcat	gtcgcccttg	gtagacctct	tttttaggtg	atgggctcct	agtttggcct	1680
gtctctctcc	tgttcacctt	agagttgtgc	agtttgctgg	gtcttggtct	gtgccgaatt	1740

<210> 2948
 <211> 4242
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(4036)
 <223> similar to gi4240225 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2948

agcgccgccc	gccgggaggg	gaaggatgca	ggcggtccg	cgcgccggct	gcggggcagc	60
gctcctgctg	tggattgtca	gcagctgcct	ctgcagagcc	tggacggctc	cctccacgtc	120
ccaaaaatgt	gatgagccac	ttgtctctgg	actcccccat	gtggctttca	gcagctcctc	180
ctccatctct	ggtagctatt	ctcccggtta	tgccaagata	aacaagagag	gaggtgctgg	240
gggatggtct	ccatcagaca	gcgaccatta	tcaatggctt	caggttgact	ttggcaatcg	300
gaagcagatc	agtgccattg	caacccaagg	aaggtatagc	agctcagatt	gggtgaccca	360
ataccggatg	ctctacagcg	acacagggag	aaactggaaa	ccctatcatc	aagatgggaa	420
tatctgggca	tttcccggaa	acattaactc	tgacggtgtg	gtccggcacg	aattacagca	480
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aagtgccatc	actgacagtg	ccgagtactg	cgagcagtat	gtctcctatt	tctgcaagat	2100
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tgccacagaa	gtgtcctttt	catttgatgt	gggaaatggg	ccagttagaga	ttgtagttag	2640
gtcaccaacc	cctctcaacg	atgaccagtg	gcaccgggtc	actgcagaga	ggaatgtcaa	2700
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ccaccccgc	ctggagctct	acagccagtt	atttgtgggt	ggtgctgggg	gccagcaggg	2820
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agcaaagggtc	acatctgggt	tcatatccgg	atgctcgggc	cattgcacca	gctatggaac	2940
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taatactgca	tatgatggaa	cattttgcaa	caaagatggt	ggtgcatttt	ttgaagaagg	3060
gatgtggcta	cgatataact	ttcaggcacc	agcaacaaat	gccagagact	ccagcagcag	3120
agtagacaac	gctcccgacc	agcagaactc	ccaccgggac	ctggcacagg	aggagatccg	3180
cttcagcttc	agcaccacca	aggcgccctg	cattctcctc	tacatcagct	ccttcaccac	3240
agacttcttg	gcagtctctg	tcaaaccac	tggaaagctta	cagattcgat	acaacctggg	3300
tggcacccga	gagccatata	atattgacgt	agaccacagg	aacatggcca	atggacagcc	3360
ccacagtgtc	aacatcaccc	gccacgagaa	gaccatcttt	ctcaagctcg	atcattatcc	3420
ttctgtgagt	taccatctgc	caagttcatc	cgacaccctc	ttcaattctc	ccaagtcgct	3480
ctttctggga	aaagttatag	aaacagggaa	aattgaccaa	gagattcaca	aatacaacac	3540
cccaggattc	actggttgcc	tctccagagt	ccagttcaac	cagatcgccc	ctctcaaggc	3600
cgctttagag	cagacaaacg	cctcggtcca	cgtccacatc	cagggcgagc	tgggtggagtc	3660
caactgcggg	gcctgcgcgc	tgaccctctc	ccccatgtcg	tccgccaccg	acccctggca	3720
cctggatcac	ctggattcag	ccagtgcgga	ttttccatat	aatccaggac	aaggccaagc	3780
tataagaaat	ggagtcaaca	gaaactcggc	tatcattgga	ggcgtcattg	cctgtgggtga	3840
ttttcacccc	atccctgtgc	accccccgtc	cttccctgat	cccggtaaca	tgtttccccc	3900
cacaagggca	ccctacccat	acccaacgaa	gcaaaggggg	ccggaagtgc	gcagaagaag	3960
cccgacgcc	gcccattccat	gaacaacgac	cccccaactt	cacagagacc	cattgatgaa	4020
agcaaaaagg	aatggcctca	tttgaggggt	ggctacttgg	ctatgggata	gggaggaggg	4080
aattactagg	gaggagagaa	agggacaaaa	gcacccttgc	ttcatactct	tgagcacatc	4140
cttaaaatat	cagcacaagt	tgggggaggc	aggcaatgga	atataatgga	atattcttga	4200
gactgatcac	aaaaaaaaaa	aaccttttta	atatttcttt	aa		4242

<210> 2949
 <211> 1002
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(665)
 <223> similar to gi4894364 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2949	
cccacgcgtc	cgagagaatt cacactggag agaagccata tgagtgtgag gtttgtcaga 60
aatttttttag	gcacaagtac cacctcattg cacaccagag agttcacact ggagaaaggc 120

catatgaatg	cagtgattgt	gggaagtcac	ttacccacag	ctctacattc	cgtgttcata	180
agagagttca	cactgggtcag	aagccttatg	agtgcagtga	atgtgggaaa	tcttttgccg	240
aaagctccag	tctcactaaa	cacaggagag	ttcacactgg	agaaaagcct	tacgggtgca	300
gtgaatgtga	aaaaaaat	aggcaaactc	cttcacttcg	tcatcatcag	agagttcaca	360
aaagaaagg	cttatgagtg	cagtgagtc	agtctcatta	aatattggag	aatacacacc	420
tgagtaagat	cctgtgattg	cagcaaactg	ggaaaatgtt	tacccaaagg	tctgctctcc	480
ttggatattg	gagagttcac	actagagaag	agtccttaca	agtaaaataa	atttgggcag	540
ttttgtagcc	acacctctgt	attccttcag	gattatagtt	aacactgaat	gaaggcctta	600
ctagtgtgac	aaatacagga	tatttatcca	gaagtctggc	tgcataactc	acaggagagc	660
tgatcatgtg	gaggattgct	acatgggagg	atttgcttga	gcccctggga	ggcagaaggt	720
tgcagtgagc	cgagattgca	acactgccag	tcccagtcgt	ggccacaga	gtgaggaccc	780
tgtttcaaaa	ataaaatata	taaatgacat	ccaataaagt	atgcatat	gagctgcagg	840
ataagtcttg	aattttcttt	ttcttttttt	tgggagagcc	ctcgctctgt	caccagggt	900
ggagtacagt	ggcataatct	cggtgcactg	caagccctgc	ctcctgggtt	aatgccattc	960
tcctgcctcg	gcctacctaa	tagctgggac	tacaggcaac	ca		1002

<210> 2950
 <211> 1887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1888)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1857)...(591)
 <223> similar to gi3327174 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2950						
tttttttaaat	ttcctgcaat	aagtagtcat	ttaattaaag	aacaaaatta	acaggaatca	60
aaatgttgca	gctgtatttt	ttgttagaca	ttatataaaa	aaggaaaagt	ataatacagt	120
aaatcatctt	gtataacatg	aacttaaaga	gttttcaa	taattatgat	caggataaaa	180
atgtcttttg	aacataatac	tgaatgacac	tgtcacatgt	ccctcatgtc	agaggcctgg	240
gagtgggtgag	cctgcacatg	caggttgccc	gtcctccatt	acactgcaga	actgtaaaac	300
aagggttgaaa	ggcaaacaac	agttttcttc	tgatagagtt	atgttgggtc	ttaactgacc	360
ccaacagttc	acactcctca	gacaccaaag	aaggaaggaa	gtgtgtcctc	tggttactcc	420
tcttgacaggt	aagtgtggtc	aagattgcac	ctgtgtgtgt	gacccactc	ttctcaciaa	480
cacagcaggt	agggtagtct	tgagctgaac	ttcaggaaag	ttccctgatg	aatgttcagt	540
gttggtatca	aaaaattaaa	cacaaattct	tctcagaaga	aaatctctat	ggcctgtgga	600
atcttgtcaa	gtgcttgctt	gatgcatgta	cctccatttc	attacttttg	tactcattta	660
attctttacg	aattgctgcc	ttatctgctg	ctgacagtct	cgtccagggt	ttgtctgccc	720
tcctgtcata	gtcctgcgct	tttgctactt	ccacgtaatc	actgaatcgt	atcagaattt	780
ttctgtctct	taattcatca	acagtgggtc	tctgattaag	ctttcttgct	aatctttgct	840
tgatttctct	tctttcttcc	tgctctgtct	gatcattcct	ttgtttcaag	atatttcttc	900
tctccagctc	ttccacggca	ggctcttggt	tcagccgttt	ggaaagcttc	atctcgatct	960
gctgccggat	ctcctgtctt	tcttcatcag	tccttctggg	gaaaatgttc	cggctcttcta	1020

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gttcctgttt gcttggccgg ttccttagct tcacggccag gagctccttc ttgcatttcc 1080
gtggcagtggt tccagaaata atggagtcgt tcagcgcttc ctgcctctga tacaaaagca 1140
agtcgtcttt gagttcagaa tttatgatca ggttctcctt gttctcctca gattccttag 1200
cggcagttcg cttgttctcc aatgccccgt caaagctcca agcctcctcc ctctccttgc 1260
cccgtccac gctggacgtt ctgcacagac ggacatccag ccgcttcttt ggagaccctt 1320
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cctcaatgac gcggttggg ggaagaggcc ggtggaccgt ggtgagatgc ggagaccccg 1440
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agagtgtggc ttggcctgtg acattttttg tggttttgga gcttgccctg ggtggcggag 1560
tgggcagcag tggggggctg gggagctggc ccacggatct ctccagaggt ctgggaggac 1620
tgtccaggga gtcagcccca gctaaggctt gggagagctc attggtggtg ggcaggaggc 1680
tgccagcgtc tgcttcttca ccactggatg cagaaggcat cttggctgca tcgtccaagt 1740
gggcagctga ggacagtggc ttgtccaggg agacctggtc cgtcccagtg gccaaagggc 1800
ttccgggctg ggcattctct gaagtcagcg tctccgccgt gggagtgggt ggganttcn 1860
ccgcnctggc gagggtnntac ctgtcat 1887

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<210> 2951
<211> 2085
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(2086)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (25)...(79)
<223> similar to gil613858 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 2951
tggcacgagg cctcgtgccg gaaaactgag gcctggggagc aggaacctgt aggcagcgct 60
tgagggtagc gggatagcag ctgcaagcgc gcgtggggagg cgggggctct gggcggaaca 120
aaaatcacag gatgtcagag gatgtttccc gggagaagact gggataaagg aagggtccca 180
gcaccatgga ggacccgaac cctgaagaga acatgaagca gcaggattca cccaaggaga 240
gaagtcccca gagcccagga ggcaacatct gccacctggg ggccccgaag tgcacccgct 300
gcctcatcac cttcgcagat tccaagttcc aggagcgtca catgaagcgg gagcaccag 360
cggacttcgt ggcccagaag ctgcaggggg tctctttcat ctgcttcacc tgcgcccgt 420
ccttccccct ctccaaagcc ctaatcacc accagcgag ccacgggtcca gccgccaagc 480
ccaccctgcc ggttgcaacc actactgcc acccacctt ccttgtcct gactgtggca 540
agacctttgg gcaggctgtt tctctgaggc ggcaccgcca gatgcattg gtcggtgcc 600
ctcctggcac cttgcctgc acagagtgcg gtcaggactt tgctcaggaa gcagggtgc 660
atcaacacta cattcgcat gcccgggggg agctctgagt gcagcttaag cctctccaag 720
gtgacgggtg gctctgtggc tggtaggact caccatgat atggggtgca ggaactctgg 780
gggccctgaa ggatttgctt cctccccctg ggaaggcaga gggctcttaa taaagaggac 840
ccagaagatt cttattttaga gcttcagtct ttggagcaca cagggccttc gtgagacagt 900
gaaatcagat aataatgaga tcttttgta aaaaaaaaaa atgggaaggg agtgcgggag 960
agaaatggtt tgtgtctccc ttattccag ttaaatacct agctgcagat tgtgccatca 1020

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cccttcattc ttcccagatg gatgccatgg gctatggggag caaattgccc tggacctttg 1080
cctgaatggg ggcaggaaag gtgaggtgtt gctggcctgt aatgccacca ggtgagttcc 1140
agatgtggag caacttgggc ttttggggat ggggcagcaa agttgggagc tggaccccaa 1200
ttgagtgggg gtagcaattg gagtccttgt gtctcttttc caccctctgc catcctcact 1260
tagagggggc atggcactag atggcactag tccccgata atttatgtct cgttgaaata 1320
attttgtata tcattctagt cctgaaatat ttttttcata tgtgtagggtg aaatggtatg 1380
aataagctaa caggaatatg atctaaaaac agaaaacatc catattaaaa tgtcgtaaac 1440
cagggagctc tggcttttna gtgggaattt ccagagaaca taagggtgtg ggcaggtggg 1500
ggaactcagg ccagagttgg cctcgctttg tggggaaact ggtttggaat caaacagaga 1560
taccttctgt ttcgggtttt atttggccaa cactgggaga tttcccata agatcctatt 1620
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acaacaggct ggaggagca gtgggtgtca ccctcaactg gagatgagtc ccaccaggcc 1740
agttttacct ccttagttac ctgccctgca cctgcagaca atggtcgatg ccttgcata 1800
aataacttata gactctgttt atgttgaggg atgttttta agcccacagg tgaggtggat 1860
gtggaagact gatcactgtc tctgttttta gctaagcaca cagcagctga aaagactgca 1920
tttcccagat tcctttgcag ctatagtggt ccttgtgact gatttctggc taaattcctg 1980
ggtagaacag tcaagcttaa gaaaggacg gctgggcaca gtggctcacg cctgtaatcc 2040
cagcactttg tgaggctgag gccggtggat cacctgaggt cagga 2085

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<210> 2952
<211> 923
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (56)...(831)
<223> similar to gi206712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2952
gggacgaggg gctttggggag aaaaaaatcc aactggcaaa agagatgcgt tcctcagtgg 60
attccgagat cggccagacg gagatccggg ccatgaaggg cgagatccac aggatgaagg 120
tcaggctcgg gcagctgctg aagcagcagg agaagatgat ccgtgccatg gagttggcgg 180
ttgcccgcat agagaccgtc accacccagg ccgaggggca gcgcaagatg gacaggaagg 240
cgctcacccg caccgacttc caccacaagc agcttgagct gcgccggaaa atcagggacg 300
ttcgcaaggc caccgacgag tgacacaaaa ccgtcctgga actggaagaa acacaaagaa 360
atgtgagcag ctccctccta gagaagcagg aaaagctgtc ggtgattcag gcagacttcg 420
acacactcga ggccgacctc acccggtttg gggccctcaa acgacagaa ctttcagaga 480
tcgtggccct gcagacacgc cttaagcacc tgcaggctgt gaaggagggg cgctacgtgt 540
tcctgtttccg ctccaagcag tccctagtgc tggagcgcca gcgcctggac aagcgactgg 600
ctctcatcgc caccatcctg gaccgcgtgc gggacgagta cccccagttc caggaggccc 660
tgacaaaggt cagccagatg atcgccaaca agctcgagtc accaggggcc tcctaggagg 720
cagcctggac tccgccttgc aaggcctcca ggaagagatc cggaattgtg tttgtcatga 780
gggacttgga atcttttgtg ttccataaaa ccacatgtac cctcagaagg gcatcgttta 840
agagaaataa gccagcccca cccataggaa tcttttttagc cactcagcaa ttttaataaac 900
caggtaaaaa cctaaaaaaa aaa 923

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<210> 2953
 <211> 989
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (24)...(12)
 <223> similar to gi3901268 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2953
 gattcgagac tggtagacac tagtccgtgt ggtggaattc ctccactggg aacactcggg 60
 ctgccctggc cactctggag cgcgttgcca agatgaaccg ctcggtcatg ccggagggga 120
 agctgggtgga gcccgctcctg gaaaaaagag gaagatttgc agacctattg gatgctaaat 180
 atttacggac cacattacag atctgggtca tatggcttgg aatctctttt gcctactatg 240
 gggttatcct ggccagtgtc gagctgctgg agcgggactt ggtctgtggt tcaaagtcag 300
 actctgcggg ggtgggtgact ggggggggact cagggggagag ccagagcccc tgctactgcc 360
 acatgtttgc accctctgac tatcggacca tgatcatcag caccatcggg gaaattgctt 420
 tgaatccttt aaatatactg ggcatcaatt tcctgggaag acggctgagc ctttctatta 480
 ccatgggatg cacggcttta ttctgccttc tcctcaacat ttgcacttca agtccggcct 540
 gattggcttc ctcttcatgc tgagggtctt ggtagctgca aacttcaaca ccgtctacat 600
 ttacacagct gaggttctta tgagtgcac aatactgggg gccctgtgtc tcttctcatc 660
 tgtctgtgtt gtatgcgcca tttctgcatt cactctcccc atcgaaacca aaggacgggc 720
 cctccagcaa attaaatgaa gacctgcaaa gctatgtcta ccagatgaga aaaatgaatt 780
 ctatcttcag aactgcggtg cattttttta aaacttggtt ttacttctgt atgctactcg 840
 gtaattagta aagtgatatt tttttaaag gcataatgg gaatggggta ggtaactgta 900
 tattgatctc ttccttgagg aacaatatat aaagtacttt tataaaatat aatttaagct 960
 ttcaaagggg tgtgagaggg agatggtgg 989

<210> 2954
 <211> 1364
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(309)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2954
 tttttttttt ttgagacgga gtctcgctct gtcgcccagg ctggagtgca gtggcgggat 60
 ctcggtcac tgcaagctcc gcctcccggg ttcacgccat tctcctgcct cagcctccca 120
 agtagctggg actacaggcg cccgccacta cgcccggcta attttttcta ttttttagtag 180

ttggagtgtt	cgtaccctta	ttttttttta	agattcctag	aaggaatctt	tggttaattc	1080
agattgagca	gttaaagttt	ttgctattta	cctttgtgca	ggctggcata	tgctaatttg	1140
ggggtggtaa	ccaaccgatt	ttatctcatg	taagcattac	atthttgaaga	ctgaatatac	1200
ttcacagcag	atcaaacaca	tttatggcat	gcactgacct	cttcttggag	cccagaactt	1260
tatagagtgt	cctaccaggg	ttactgtaat	ggaatttatg	atcttaagaa	attactagtt	1320
gtattattta	tcctatgatt	cattcattca	ataagctttt	actgcataaa	ctttacatcc	1380
agcactgtag	ttaagtaccc	aaaattgaat	agaaataatg	gcttttgaaa	attgcacaaa	1440
gcaggccagg	cacggtggct	cacgcctgta	atcccagcac	tttgggaggc	cgaggcaggc	1500
ggatcacgag	gtcaagagat	ccagaccatc	ctggctaaca	cggtgaaacc	ccgtctctaa	1560
taaaaataca	aaaattagct	ggacatgggt	gcacgtgcct	gtaatcccag	ctactcagga	1620
ggctgaggca	ggagaatcgc	gtgaaccggg	gcccgggtga	ggctgcagtg	agacgagatc	1680
gcgccactgc	actccagcct	ggcgacagag	cgagacaccg	tctcaaaaaa	aaaa	1734

<210> 2956

<211> 1799

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1799)...(1202)

<223> similar to gi3747099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2956

cttagaattt	aagcatgaac	attacaaaaga	cttaagggtat	gtgataaaaa	acctcttttcc	60
ttacagggtat	tcagattttta	tttgtgagcc	cctaaacatc	aatgtcttaa	aggggttgaca	120
ttataacaat	ggaataactg	aaaagcgaag	ttttctgaag	tcatatgacc	ctgctgtgtg	180
cccaagtcac	ctattcacat	ggctgttcac	atcatctgca	tgaaaatatt	ttcactttct	240
gttaaccata	gtgatttaca	attctatgac	tattaaagtt	tattaaacac	aagtttagaa	300
agtatcttta	acaaagggtg	gtttattttcc	atatattgct	cattacattt	ttcttgccac	360
agttttatct	aaagccagg	caaaatcttt	ctctaaggta	tttattaata	gtgtatgttc	420
ttcagatata	aaatccctct	ggtcaacatg	caacatttga	atatctattg	gcactgtacc	480
tctatgagat	atthtatgaca	tttgttaata	gtgaacctca	acctcctgac	cgcacatccg	540
aagttggggg	cgatgtgggg	gaacatacac	aaaattacaa	ccacattact	ggtcaagcac	600
tttatagcta	aaatctattg	actttaaaaa	agcattgtat	gtgaattcag	agttttaatg	660
tattttgtgg	atcaaaaagga	aagggtcaaa	ggctaagctg	aacacggagg	gcactaaatt	720
agctaataag	gcagctagtg	cccctgttct	tgccccagcc	ctgtcatatc	actacatccg	780
attctctcaa	atgttataaa	gaataatgaa	cttaaaaactt	caggggttcc	tgaaaactgg	840
tattaaatta	aaagcagagt	agtcaaaatt	ctttgcaaatt	gacttctgtg	atagaaaaaa	900
atattttcaa	cctgcgtcag	aggagaatta	tcttttaggt	gccaaggaaa	gagtataaaa	960
gatgctgagt	atattagtca	aggctcatctg	agaagactat	tttgtggttg	attcttctga	1020
gcccctgaat	tgtccaacat	tattgggtgta	cctgtagcgt	gaacaacatt	gcaaccaata	1080
atthttttgaa	tacagcaatg	taaaaccctc	aactttaatg	ttcctcagat	cgtaacaaat	1140
cagctcagct	acaagtcttc	cccaaagtgg	agctattcta	gtcatatatt	tacttagttt	1200
caaagagcag	gaatcctgca	aagggtggaga	agcgttggtg	gtccccatgg	agagcgccat	1260
tgcccattcg	cagccaaacc	tcatcccctt	tggttagctt	cagcacagca	tgattgctgg	1320
atgtatctga	tttgcccttc	atthcatagc	tgtacatgct	gaagactgtg	ttgccattgt	1380
gcataaggta	cacatacact	tcctcaacat	cctcatgctt	catcatgctg	aagggtgaaga	1440
aatacacacc	tgatactggg	gccccaaatc	taccagtcac	gacatcaaag	aagtttccaa	1500

004227-0100

```
<220>
<221> misc_feature
<222> (1)...(1799)
<223> n = a,t,c or g
```

<400>	2957					
atcgta	aaaccacaac	cagctgtaca	tcaacatagc	tcaagttcat	cagtttcctc	60
catttg	ggagccctca	accattcccc	tcaatcactt	tttgttccta	ctcaagtacc	120
aaagat	gatgatgaat	tctgcaacat	ttggcagtc	ttacagggat	ctggaaagat	180
acttt	cagccaacta	tacaagagaa	gggtgcagtt	ctacctcaag	aaataagcca	240
atcaa	catcataaat	ctggctttta	tgacaacagt	gttaaataatc	agcaaagaaa	300
gacct	cacagaaaat	ttaaagaaga	gtgtaagagt	cctaaagctg	agtgttggtc	360
aaaatg	tccaataagc	agcctaactc	tgggaattgag	aacttttttag	catctttgaa	420
ccaaa	gaaaatgaag	tacagtcac	tcatcatggg	gagcctccaa	gtgaagagca	480
ccacca	cagtcatttg	ccatgaagag	atgaatatgg	attaccctct	cagcctaaac	540
caagaa	attagcatct	tatatgaaca	agcctcacag	tgctaattgag	taccataatg	600
gtctat	ggacaatatg	tgttggcctg	ccccagcca	gatccctcct	gtatccacac	660
actga	actttctcga	atttgttccc	ttgttggaa	gccacaacct	gattttctct	720
caggat	gccacagggc	tccttaggca	tgaattttccc	ttgccttca	caagtaatttg	780
ctatcc	ttcagctgta	ccacctggaa	ccattcctcc	agcctttccc	ccacctactg	840
cataat	gccttcgtcg	tctcatctct	ttggctcaat	gccatgggga	ccatcggtgc	900
cctgg	gaagcccttc	catcatactt	tatatcttgg	gaccatgcc	atggctgggg	960
ccagg	gggtgtgcac	aatcagttta	tacctctgca	ggttactaaa	aaaagggttg	1020
caaaaa	gaactttgag	aataaggaag	cccagagttc	tcaagccact	ccagttcaga	1080
ccagcc	agattcttcc	aacattgtca	aagtaagtcc	acgggagagc	tcatcagctt	1140
ggaagt	cctctccgat	ttgctcaacc	tgcatcttct	ttttcaagtt	ggaaactggc	1200
caagg	ccattagtat	atctcaccat	aagtcaacac	caatctcttc	ttcaagaaga	1260
caagaa	aactggctgt	taatttttgg	gtttctaaac	cttctgagta	aatttggccc	1320
gaatta	agttaatttc	ttctctttcc	atctaccttt	ttataaatac	atatctatgt	1380
caaaaa	ttagaatgta	ctatttttaa	ataatatgtg	taaattgaaa	tttttttcac	1440
tagtta	tcaggcactt	ttcatgtctg	ttaaaagact	gtgtatcaaa	ttgtgcactt	1500
atgtg	cagtttgttg	tatgtcaatt	atacctcaat	aaactcaata	aaaaactaaa	1560
cccttg	cattaaaaata	atatcacagt	atcagtgagc	taaaccattaa	aatgtaccac	1620

tctaatacatt	ggcctcatga	ttgaagcatc	ctgaactatg	aattagacat	cagtttagcaa	1680
taataagcat	tttttnacta	tcattgagga	ataattcatg	gagcatgaaa	tttgggcctc	1740
cggatatactt	ctgaatgtgg	atttatnctc	tttttaatga	tgtagaaaat	gnaggaga	1798

<210> 2958

<211> 4138

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3756)...(2555)

<223> similar to gi2739386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2958

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ttaaagtaca	aagaaagact	tcaaaaatga	ggttactgtg	atgtatcata	aaaggagtta	180
aaattcaaaa	tatcaaagac	ctcacctatc	ggactaaaca	taaactctta	aacctcctat	240
ggtcctctga	gcctaaaatt	acaaaactta	gcaactgctt	aaaccaagga	attaacgggt	300
ctgtgttttc	aaggtaagaa	aacaaaaaat	gctttggtaa	actaccttta	atactagttt	360
aaatgtttct	gccttggttg	tatctctctt	gaaagactgt	atataagtac	aggcacagca	420
tatatgtgag	aaaacatctc	acaaatttca	ttactatag	gtttctcaat	aatctttaca	480
tttaatcaat	gagaaaagtg	attcagtcct	ttgaatttta	agttaaaaaa	attaaaaagt	540
atttccaggg	actcttaaag	ctctctccca	aagtataaaa	tattatgtac	tttcaaaatc	600
ttaagcattc	acgtttcttc	tgagaccaac	gcaggatata	aacttactct	caacatagat	660
gcttatgtgc	ttttgggcac	acatagtctt	tcttagaaca	gtggtcaaac	agctcacagg	720
accctgtact	cctcttcac	ctggactgtg	atgggtggca	cagccagacc	agccccctcc	780
catctgcctt	ccaggtcaga	ttccctggca	tttattaagc	tgtcactctt	caatgggttc	840
ttccttgggg	gactcaagct	cattcaataa	gtctttgcca	gctgctccgg	cttttgaagc	900
aaagagaact	gctccctgct	taaaaccgag	gttcttcaaa	ctccgggcat	aatctgcata	960
tatagcagtg	atgagtttct	ctgtgtcctc	agtgacttca	aatgctccat	acttgaggca	1020
agcttccaca	aataaggctg	ctctatcaaa	gtatctcatg	ctgtgaagcg	tctctgccac	1080
gctaaaaaag	cagcccagag	agaggagaac	caggagagcc	tttgatttct	gattgacttg	1140
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acggactttt	gccagccatg	cagcccagatt	ccactcgccg	tatgtctgca	ggtagcggca	1260
ggcgtctgca	gccttatcta	tcaggcagag	caactgaacg	ccctctgcca	atttgccatt	1320
ggcaatcata	ttcgtttgca	ccaacttaat	ggtgctctga	gaggggcctg	acgaggtgac	1380
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aaattttctga	aagtaggcat	tttcacagag	cacgtcatag	catatatcca	gtgggttgct	1620
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ttctggatag	tcaacatgag	aaatgtccaa	agaatactgt	ccattccaag	gctggtgtaa	1920
taagaaggct	ttcaaggcaa	gagaggccct	tggacaacagg	agataggggc	accacacagg	1980
ctcgggttaac	tcttgttcat	ccattctaaa	gcacgcagac	ttcatagaca	tctctaggac	2040

tctgatgcac	ccatcatctg	aggccaagat	cactttatct	gacgtacacc	agtcacacatc	2100
caatatacga	aaggtcacat	ttctgccact	tcttaaactg	ctcaccatct	gaacctcttt	2160
agtatcccac	acttcagctc	catcattgta	cattgctatt	aatttttgat	ttcctttacc	2220
aggagcaaaa	cgaatcttcc	tcacccaact	tcggtgtgtg	ggtattcctc	tggatactct	2280
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tttccaagcg	atgcaggtaa	tactacccat	acttccatct	ggtggaatcc	gagcactgtc	2400
ttttactgag	tttccttcaa	cagtgagatg	atacacttgg	ccatcaatat	cggtaaatac	2460
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caagctgata	acagatgatt	caacaatact	cagctctgtg	tctgagacta	cggctctggcg	2580
ggccatggcc	tctcgagttg	caagttgctt	ctttctcagg	ctcttcaagt	tgtgagatgg	2640
tgaccactcc	aaagcagtta	ttgtagggaa	gtttttggac	atctctctaa	gaaggggtaca	2700
agtctaaca	tcccatagct	ccaggggttt	atctctgaat	acgactgcca	aatactgctt	2760
caaatgagat	actttaatca	tttcgatggc	agattcatca	ttgcctcttt	caccacgaaa	2820
agcaatgctc	ctacctgttg	gaagatcaac	cagttgaagt	tcattttctca	ctaatacccat	2880
attgtttggt	gttgaggtag	caaaagaaag	aaaactagtc	aaacttgttc	attcaatacc	2940
cttgacttca	catgagtgga	tgcttaactc	tttgtgtagc	agaccactgg	tgagatggta	3000
caccaggaca	gaaccattac	ttgtaccaac	agccagcagt	ggctgataca	tcttgatgtt	3060
ttttgtggtc	aacggtggac	acatacgaat	agcaaaactgt	ggtgcgggca	gtcctgaaag	3120
cagtcccgtc	agcaggaact	tgaggtgcac	ttcccgcaga	attgaacctc	tgggatgttc	3180
ttccccagca	attgcacttt	gcccaatcat	gttatctaa	gaaaggtctg	ggagtttatt	3240
ctgtagcact	cctacaggaa	ttccacagaa	agacactgg	gaatataaag	gtgacacacc	3300
agaactactg	ttccgtgaat	ttcgattaca	aactgcagac	ttgagttccc	atatcatgac	3360
cctgccatca	ctcactacga	gggcggctgc	attctcattg	acaggacagc	acaccatact	3420
gaagggacgg	acggtttttg	tcaccctgat	tgcatacac	tggcttcgta	aatcataggt	3480
aagctcctga	actggatctg	gatctggttc	ctcatttgaa	gtggtaaaaa	tgttattata	3540
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caccgtctga	ttcacctcaa	ggtcaaggat	taaaatctct	cgaggataga	gcaacaacat	3720
gtgattcctt	tttgaaagca	ggtatgcaa	ctgaaggcaa	tcattgagag	ttatgaattc	3780
agcactaggt	ttctcttgag	tgattaaaa	ttttacttta	tttagagctt	tcttggcacc	3840
tgtggctgtg	gccagcttgt	tatgagctgg	gctagagtgt	gggctggata	tgtaaacctt	3900
ttcccagg	cctgagggg	gcttgatgg	ggagaagtct	gagatgaaaa	caataccctc	3960
gctggtaagc	actatattga	gaaaagcaaa	actctgatta	aagtttaatg	aagtttagca	4020
tacagtttta	ttccaataca	attttgagag	caatatagtg	ataattttta	taatataata	4080
ctggcaatgt	tatgcattca	taacataatg	ggaatgttct	ctaagttgaa	gagaaaca	4138

```
<210> 2959
<211> 1413
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (99)...(1047)
<223> similar to gi4587572 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2959						
agctgtagtg	ggtgctgttc	ttccatgcat	aagttcgcca	tactaactgg	ggtgtagata		60
tgtacctctt	ttctctaggc	tcagagtccc	caaagggggc	cattggccac	attgtctcta		120

ctgagaagac	cattctggct	gtagagagga	acaaagtgtc	gctgcctcct	ctctggaaca	180
ggaccttcag	ctggggcttt	gatgacttca	gctgctgtct	ggggagctac	ggctccgaca	240
aggtcctgat	gacattcgag	aacctggctg	cctggggccg	ctgtctgtgc	gccgtgtgcc	300
catccccaac	aacgattgtc	acctctggga	ccagcactgt	ggtgtgtgtg	tgggagctca	360
gcatgaccaa	agggccgccc	aggggcttgc	gcctccggca	ggccttgtat	ggacacacac	420
aggctgtcac	gtgcctggca	gcgtcagtca	ccttcagcct	cctggtgagc	ggctcccagg	480
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cgggagcaca	cttgtccctg	tggaatgtca	atggacagcc	cctggccagc	atcaccacag	660
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caagccagat	catcatcacc	gggagtcaag	acggcatggt	ccgggttttg	aagactgagg	780
atgtgaagat	gtctgttcct	ggacggccag	caggagagga	gccctggctg	cagcctccaa	840
gccaagagg	ccacaagtgc	gagaagaacc	tggccttgag	tcgagagctg	gacgttagca	900
ttgctttgac	agggaaagccc	agcaaaaacca	gccccgcagt	gactgctctg	gccgtgtcca	960
gaaaccacac	caaactcctg	gttggtgatg	agagggggag	aatattctgc	tggctctgag	1020
atgggttagga	agagagaggg	agcagaggct	ctggcacaac	agtgccaggc	tgaggggtgg	1080
agaggtgact	ggggcctgag	ctctgcctac	agaaaaaacc	cccagggcct	ccttccccac	1140
agttctcaag	gaagggcctc	tggcaatcac	agctctgcag	cccaaccctc	tccatggccg	1200
atgggacttc	tatgaaaagg	atgagcacac	acactcggag	ggctgagcag	cacgctggaa	1260
actgtgactt	ggtgatgccc	agctgcacac	gaaattacac	atgactcacc	ttattaaggg	1320
ctattgcact	gaaaaaaaaa	aaaaaggggc	ccctaacggg	aaattattgt	attgtcttta	1380
ttttattaaa	gcacctatgt	tttaaaaaaa	aaa			1413

<210> 2960

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(793)

<223> similar to gi203654 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2960

catggcattc	ctttggcttg	tgtgctgctt	tgcccttggt	ggcgccacct	ttggctgtgg	60
ggtccctgcc	atccaacccg	tgtgaccggg	tctgtccagg	atcgtcaacg	gagaggatgc	120
tatccctggc	tccctggccct	ggcaggtgtc	cctgcaggac	agaactggct	tccattttctg	180
cgggggctcc	ctcatcagcg	aaaactgggt	ggtcactgct	gcccactgcg	gggtcaagac	240
aaccgatgtg	gtggtagctg	gagagtttga	tcagggtctc	gatgaagaga	atgtccaggt	300
cctgaaaatc	gctcaggttt	ttaagaaccc	caagttcaac	tccttcaccg	tgcgtaatga	360
catcacccctg	ctgaagctgg	ccactcctgc	ccagttctct	gagactgtgt	ctgccgtgtg	420
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caagaccaa	tacaatgccc	tcaagacccc	ttgacaaagc	ttcagcaggc	tgccctgccc	540
atcgtgtccg	aggctaagtg	caaggagtcc	tggggttcca	agatcaccga	tgtgatgac	600
tgcgcagcgc	ccagtggcgt	ctattcctgc	atgggtgact	ctgggtggccc	cctcgtctgc	660
cagaaggacg	gagtctggac	cctggcaggc	attgtgtcct	ggggcagtgg	tttctgctcc	720
acttccaccc	ctgccgtgta	tgccctcctc	actgccctca	tgccatgggt	tcaggagatc	780
ttggaagcca	actaagtaca	cggtccttac	ctcttccata	ttactcccc	gccgtgcac	840

<210> 2961
 <211> 1372
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1371)...(1149)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2961
 gtcacgtatg ttttaaatat tcaaaagttt ctgtcagaaa acagtatattt ggaattaaat 60
 ttctagaatc tttcataata ttctctcctc tctactgaac atagtactag gttggtaact 120
 ggaggatccc agaaagtcac gctaattttt ctaacaaaac aggccttgct gtctctaact 180
 ctgatctgat atcctgcttt gagcaaataa aagagccctg gaatgtgaag agacatgaga 240
 cagtagtcag cttctcaggt aggtaagcat gaatgaagca gataacagag acgagggata 300
 cgaaggtcag aaagaatttc agaccttaaa atgtgggtata gaatgctctg cttccatgga 360
 aaggtttcct aaaaagccat ttatttctct agctcccaa taggagcatc ttttgtccca 420
 tacccttaaa ttctttaagg atcctacttc ctatttagtg attttcctta gaggggtaccg 480
 tgagagctaa agtcctcttt atggccttata aggtgctgca tgatatgcct gctcttccat 540
 tgttttgggg gagtataaga atatttctga gtattttaga ggaactgcat gttagatcat 600
 ttaacgtttc ttttcccatc atgtctgaaa tgtgtaagag gagtggatgat attagatttt 660
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 agcaatccta acagatttcg agtgatagct catcattgtt ttcatttgca gttgcctttt 780
 ggtaggtgat attgagcact tttttatata tctattgggc atttgtatat atttgttggc 840
 aaaatatatt tttcactctt tcaaccattt ttttagttgga ttattattgt tattattata 900
 cttgcttttg ctttgaattt tctatatatt ttgaatatta agcttttctg atatatacag 960
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 aactattttt ctttggggta gatacccaa tgatgagatt tcctgaatca aatgatagtt 1080
 ctggcccagg cgtggttagc cacgcctgta atccccaaca ctttgggagg tagaggcggg 1140
 caggatcatga ggtcagaagt ttgagaccag cctgagcgat atggtgaaac cccgtctcta 1200
 ctgaaaatac aaaagtttag caggcgtggt ggcagcttgc ctgcagcccc agctcctcag 1260
 gaggctgaca cagaagaatt gcttggacct gggagtcagt ggttgagtg agctgagatc 1320
 gtaccactgc actccagcct gggacaacta agactccgtc tcaaaaaaaaa aa 1372

<210> 2962
 <211> 1529
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1530)...(133)
 <223> similar to gi5262613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 2962
tttttttttt ttaataaaagt cggctgccat cctctccccc ggctcagggtc aaagttcata    60
ggcagcaatg cacaaagtcc tctgtgaagc cagtgttctc tgctccccgg gtcagagggtc    120
acagggtcaag ttcagtcagt ccgaagaatc atgggcgggt gctcgctgtc ctcatccagg    180
gcgaggggcg tgggccttcg gtcctccagg gcaggcgcca cccacagcac ccagggtcgt    240
ctcgtgtagg gcaagtctcc gttggggatg aaggcacgta agtacctttt cctgcaagct    300
gcgcccgtaa tgtctgagggt gactaagggg gcaattcgtg agaaggcaga gttcccaaga    360
ttctcattgg gtcgttttcc aagactgccg ttccagccgg tgctgcttca ttcaggggca    420
cactcgccgc cctccttggg ggtccagggt gtacatgtac aggtaccctg cggcggcacc    480
caccaacaac cgcgggatct tctgaattgt ggctagcgag cagatgtttt tgtggccgca    540
gaatggcagg cggaccgtgg cgaaggctct gccctggttg aacatttctg tcacttgga    600
aggcaggtag ctggtggagg cccatgagca ctttcccgaa gtaccgggtc cagggtgggtg    660
gctcctctgg gggtttttct ttcacagtct cgagtttgaa gatgtgcacg gtctcagtgt    720
tgctggaggc ggagaggaac atgccgtcca tgctgaaggc caggagcag atgctcacgc    780
acctctttac tcctctccga aactcaaaga gttttttgtc cttctggaat ggaaaaatacc    840
ctaatacagg tcccccttct cgaagccgtg gcaagtttag ttccacttgc gtcaaaggcc    900
agtgcgcgtt aaaggactgt cgtgagccgg aatcatgttt gcagctctca aattaaaggg    960
tatcgaagac ctggcaaac ctctccgatg gtcgcgctcc ctgggtacgc caagtagcag   1020
ttgtcgttgt tgattgacag cgcacacagg cctgcagggt ttggaggcgt ctccctgatc   1080
gtatgcagca ccttcatgtc ccgaatgttg tggatgtaca gggactcctc caggcatact   1140
atcagcctct gcctgttgag cttcacagcc agaatcgtgt tggagtagct gtagttgcag   1200
atctcagttc ccttcttaaa gtggcaaacc ttttagcttcc ttggtgcttt aagggtcacg   1260
atggccacta ggctgctgga gaacaatctc tctacaatgc acacatcttc cgtatcgggtg   1320
cattcataga tctgttccag cttatccaca gaagaaaggg agaaaaattt ataaccggac   1380
ttactaccaa cagctaggga ccagacaaca gcgcgacggc caagaccagc tgctcttgat   1440
gcccccttca cttctgtgtt gtctgtgttg aagttggcga agagcagctg gccggcgccg   1500
gcctccccgc tctggctcgc caggttcat

```

```

<210> 2963
<211> 1219
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1220)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1219)...(468)
<223> similar to gi2429362 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2963
tgggccccc gagggatcct ttaaaacggc cccccctttt tttttttttt cagagtttca    60

```

0948725.04100

```

aatattctc atctgttaaa ttaagagtgt ctcccataga aaagcagtgg aggccccaca 120
gggcaagtac aaaacagaat taaaactccc aaggggtcttg tctttacaaa agaaaaggca 180
ggaggcagcc cctggacagc tggatcatgct ggccgctccg gttggaccac gttgcataat 240
cctcagtcgc atcatcacao cgtctctgag cgttttgatg gggggagaag gggcagtgtg 300
gtgtgtatgg gaggagaggc ccagagggct ctctttgccc ccttaccccc ttttttatat 360
cccagaggaa agtcggggga acctggctac accttgaaat gaggctatgt gtttcaaacc 420
tggggacggg gtaagagagg atctgtgctt tgagcaacct gagccagagg cagaggggtg 480
ttggaggggt aaggggagga tgcattgatc ttattgcttt gtacctttca ctgggaagga 540
gggcagcagc caacagtagc tcacaggttt gtaaacctgag cctgttggct ttaagaaggg 600
aggcaatgaa atcgaattaa atataaaaga gtcattttgtg caaaaataac ttaaacaagt 660
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tgtgtctctga gtggggagta gtgccccccac ccactgtcca cagggtgcagg tggctggcag 900
gggctcccaa ggctcagcac tcagctctcc ccaatcaggg tcagatccag ctccagggtat 960
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ggaggcagag ggacagctgc tcgggctgta gggtgggtt ccaaggtaat gtcctggcgg 1080
gagctattgc tggtccgggt aggggtgtat tttctcctac gaccacgacg aaaaattctg 1140
tctactcccg ggggcacctt aaggtcctca gaatggggcc cgggaggggg gnnttagcgc 1200
catcaaatag ggtctcagt 1219

```

```

<210> 2964
<211> 2609
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (57)...(715)
<223> similar to gi4007778 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2964
tcgcagattt ccagaatgaa agtgcagcag ccctggctgc tgcagccact cgacattttac 60
aagaagctga gcaaaccaaa aacagtggca ctgagcactg gtggaagatc catgaggcat 120
gcatgcttgc cctaggetca gtgaaggcca tcatcactga cagtgtgaaa aatggcagga 180
ttcattttga catgcatggg ttccctgacca atgtcactct tgcagacctc aacctctcag 240
tgtctccttt cctcttgggc cgggcacttt gggctgccag tcggttcaact gttgctatgt 300
ccccgaact gatccagcag ttccctacagg caacagttag tggctttcac gagacacagc 360
ccccatcagt tcgaatttct gcagtgcagc ccactctggg ttattgtgac caactgaaag 420
tctcagagag taccacagtg ctccagccct tccctcccag catccttgat ggcttaattc 480
acctagcagc ccagttcagc tcagaggtcc tcaacctggt gatggagacc ctgtgcacgc 540
tttgtacagt agaccccgaa ttcacagcaa gcatggaaag caaaatctgc cccttcacca 600
tcgccatttt cctaaagtac agtaatgatc ccgtcgtcgc ctactggctc caggacatct 660
tcaaggagct gtcccagatt gaagcctgtc agggcccaat gcaaatgagg ctgattccca 720
ctctggctcag cataatgcag gccccagcag acaagattcc tgcagggctt tgtgcgacag 780
ccattgatat cctgacaaca gtagtacgaa atacaaagcc tcccccttcc cagctttctc 840
tctgccaagc tttccctgct gtggcacagt gtacccttca cacagatgac aatgccacca 900
tgcagaatgg cggagagtgct ttgcgggcct atgtgtcagt gaccctggaa caagtagccc 960
agtggcatga tgagcagggc cacaatggac tgtggtatgt gatgcaagtg gtgagccagc 1020

```


tcctggaccc	ccgcacctca	gagttcactg	cggcctttgt	gggccgcctt	gtttccaccc	1080
tcattctcaa	ggcagggcgg	gaactcgggg	agaatctaga	ccagattctt	cgtgccatcc	1140
tcagtaagat	gcagcaggca	gagacgctca	gtgtcatgca	gtccctgac	atggtgttcg	1200
ctcatctggg	gcacactcag	ctagaacctc	tcttgagatt	cctgtgtagc	ctcccaggac	1260
ctactggcaa	acctgctcta	gagtttgtga	tggctgagtg	gacaagccga	cagcacctgt	1320
tctatggaca	gtatgaaggc	aaagtcagct	ctgtggcact	ctgtaagctg	ctccagcatg	1380
gcatcaatgc	agatgacaaa	cggctacagg	atatccgtgt	gaagggagag	gagatctaca	1440
gcatggatga	gggcatccgc	acccgctcta	agtcagccaa	aaaccagaa	cgctggacaa	1500
acattccttt	gctggtcaag	atcctaaagc	tgatcatcaa	cgagctctcc	aacgtcatgg	1560
aggctaattg	cgctcgccag	gccactcctg	cagagtggag	tcaagatgac	tccaatgata	1620
tgtgggagga	ccaggaggag	gaagaggagg	aggaggagga	tggtttagct	ggccaacttt	1680
tatctgacat	tcttgctaca	agtaaataatg	aggaggatta	ctacgaggat	gatgaggaag	1740
atgaccctga	tgccctgaag	gacccctctc	atcagattga	tctgcaggca	tatctcacag	1800
atttcctctg	ccagtttgct	cagcagccct	gctacataat	gttttcaggc	caccttaatg	1860
acaatgagag	gcgagttcta	cagaccatcg	gcatctaaaa	aggggagcct	ttctacattt	1920
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cacctctgtt	cctagagccc	tctgctggcg	agtccagaaa	cattattgcc	cagaaggatt	2220
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tctaaaacag	acctatctat	gttcatagga	cttctgatgt	gttcagatag	gaatcctcat	2340
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tttgatcttc	cttttttaga	aaaaaaaaa				2609

<210> 2965

<211> 2338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2341)...(919)

<223> similar to gi4106368 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2965

acctcccgct	cctatttcac	cgctcccgatc	ccatccgccc	ccaccccggg	accccgcccc	60
cagggcgggc	ttcccatgca	tgcgccctcc	cccgttccct	cctgtcccca	ccccatgtct	120
gcccaggacc	cagccctgcc	ctgtccccc	ttgtccctgg	gggcgggtcc	cagcctcttc	180
cggagctgaa	ctcgccccct	gcgcgctgcc	ccctcctctc	tccgcagtac	tgcgcaggga	240
tgacctgag	cgtgtgatgg	ggcggcagcc	ccgggcctct	ctgcgggcct	aggettctgc	300
ccagcgcccc	tgctcagggc	gaggggctga	ggtcacacct	cgggcacctg	gactcctggc	360
caatcaaggc	ttgccagct	gggaggcccc	acacgaaaga	ctcttaccat	tttattaaaa	420
acgcaaggac	ctcagagacg	ttcttttctg	tatggaccct	tcttgccatt	tgtattttgt	480
cccagagaga	aaggctcttt	ggggggcccc	tctccccagg	acgtcagggg	gtggggccca	540
taaataaatg	gaagctgggt	ttggtttttg	gtagcttgct	tcagattccc	tctttggcct	600

tctgccacca	cactctccac	cctgtggtct	ttgttccgtc	ccggccccc	tctagcccca	660
cctttgagaa	ctgggggcag	agcgaggctc	caggttctgg	gcttctcccc	tgggaagtgt	720
gggtgaatga	ccatgggcag	aggggatggg	actgaaaact	gggcgctcaa	gagtcgggga	780
agtagagggg	ggcagagtca	ggtcacaggc	cccaagaacc	ccagggtggaa	ggagggtctga	840
agtggcagcg	ccctttat	gtgggggct	tcaaggtagg	gtcgtggggg	gcagcgggga	900
ggaagagccg	agaaactgtg	tgaccggggc	ctcaggtggg	gggcattggg	ggctcctctt	960
gcagatgccc	attggcatca	ccggtgcagc	catttgtggc	agcgggtacc	ggtcctttct	1020
tgttcaacat	agggtagggt	gcagccacgg	gtccaactcg	cttgaggctg	ggccctgggc	1080
gctccatttt	gtgttccagg	agcatgtggt	tctgtggcgg	gagcccccac	caggccctga	1140
ggatgttctc	gatgcagctg	cgctggcgga	aaagcgcat	gaccaccggg	ctgccgggcg	1200
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ggtccagcat	gatgggtgcg	gccagcagcg	agtccctaca	cgtgttgtgc	agcaccagt	1380
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ccacgtacgg	cacatacttg	atgaccacgc	agtggtcagg	ctcttcgccg	ggcgtataga	1500
gcactgggtt	gctctgcacc	atgtcgtcca	ccacgttgct	cttggaacac	tccttagagc	1560
ggaactgcaa	tggcgccgat	aggttctccc	catcgttggt	gcccagggtg	ttgtaactca	1620
cgatggacat	ggtcttgagg	ccggagccaa	tgagggaagtc	cacaagcacg	gacttgactt	1680
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ccctgcggat	ctgctccagc	tgctgcgcac	gcgagcctgg	gatgaggttg	tccgcgcgcg	2040
cgctctgggt	ggccgcgatg	aattcggggg	tgtaaacaga	aggccggggc	cgcagggcct	2100
ccatgtgcgg	ccacagttgc	tcttcagacc	cccagtcag	caccttcgcg	cgccgcacgc	2160
cctcggccag	gttcagcgac	gagatgtccc	agccatcgaa	cacgaggtcg	ttgggcgcca	2220
ccatgggcag	caccgcgctg	aagggtacga	acacctcctg	gccctcggcg	tccaggccca	2280
ggctcacggg	gcccgcctga	gtcagcgaac	cgttagtagt	tggcctcctt	gcggccgc	2338

<210> 2966

<211> 2530

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (184)...(1302)

<223> similar to gi38458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2966

tgacgcgggc	gtgagttggg	ggaggacggg	ttgccgactc	gcctacctag	cggtctcttg	60
attgtcgata	ttttgttggc	ataggtttat	gtagagacgt	atacatatat	atagacacac	120
tgtctttaaa	tctaggcctg	tatccggtgt	ccgaggcgaa	ctcagtaaga	tgatgttaag	180
aggaaacctg	aagcaagtgc	gcattgagaa	aaaccgggcc	cgccttcgcg	ccctggagtc	240
cgcggtgggc	gagagcgagc	cggcgggcgc	ggcagccatg	gcgctcgctc	ttgccgggga	300
gccggcaccg	cccgcgcccg	cgcctccaga	ggaccacccg	gacgaggaga	tggggttcac	360
tatcgacatc	aagagtttcc	tcaagcgggg	cgagaagacg	tacacgcagc	gctgccgcct	420
cttcgtggga	aatctgcccc	ccgacatcac	ggaggaggac	ttcaagaggc	tcttcgaacg	480

ctatggcgag	cccagcgaag	tcttcatcaa	ccgggaccgt	ggcttcggct	tcatccgctt	540
ggaatccaga	accctggctg	aaattgcaaa	agcagagctg	gacggcacca	ttctcaagag	600
cagacctcta	cggattcgct	tcgctacaca	tggagcagcc	ttgactgtca	agaacctttc	660
tccagttgtt	tccaatgagc	tgctagagca	agcattttct	cagtttggtc	cagtagagaa	720
agctgttggt	gttggtgatg	atcgcggtag	agctacagga	aaagggtttg	tagagtttgc	780
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gccagagaag	ctgatgcaga	aaactcaaca	atatcataag	gaaagagaac	aaccaccacg	960
ttttgctcaa	cctgggacat	ttgaatttga	gtatgcatct	cgatggaagg	ctcttgatga	1020
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ggaggcagaa	atggaagcag	ctaggcatga	acaccaatta	atgctaata	ggcaagatct	1140
aatgaggcgt	caagaagaac	tcagacgctt	ggaagaactc	agaaaccaag	agttgcaaaa	1200
acggaagcaa	atacaactaa	gacatgaaga	ggagcatcgg	cggcgtgagg	aagaaatgat	1260
ccgacacaga	gaacaggagg	aactgaggcg	acagcaagag	ggctttaagc	caaactacat	1320
ggaaaattat	gtctgccatt	tcctaagggtg	ataaaagaaa	atgtggctga	agttaccgga	1380
agttcagctt	gcagtgtaat	tcagaagagt	taagaccaga	agtactggaa	tcatacttcc	1440
tttcaggtca	aaacattttg	tgggaaatat	cctgttcgtg	acctaggaga	aacaagacag	1500
aaaaaaaaat	ctttcttcat	ttatgaattt	cttactccat	acaagcagtt	tatggatgtc	1560
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caattttggg	tcaactctca	aaattgggaa	taagaaaact	ggcactgttg	ggagaaaaat	1920
cgttcttact	gaaacatgaa	ctggctcagg	caagcaaata	gcgggagtcg	gcacaggaag	1980
gagtgtgtgc	tgcgggggatg	cgtggtggcg	tcaccttcaa	aactaaagtg	ttgccaggcg	2040
gacagatgag	tccttgatct	tgtttcctga	tcttgtttcc	atttgactga	attctgaacc	2100
ttcattgtct	tcacagtctt	gccacttgcc	tagtgaggct	tttccgaacc	tgggaaggaga	2160
cgtctagaaa	tcccaacttt	gctgtaacag	acaaaaggac	gtggaatgta	ctttctgcta	2220
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gggccacaga	gcccagcaat	aacttcttta	cccaaaaagt	ttgcatggaa	gataaacagc	2340
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<210> 2967
 <211> 2105
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2106)...(1283)
 <223> similar to gi5771388 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2967	
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ctattaataa	acacaatgca aacaatgccc gagattatca taaaacata ctagcaagcc 120

acaagtacca	gagaggggtg	aacaggcata	tctgctagct	ctcctcttgc	agtcctcagc	180
ctccccacagg	aggcacaagg	tccaaactat	tcctcaaaaa	aaaggacagc	ctcttttatgc	240
tgaatatagga	acttttaaagg	aagctcttct	tgtagtccaa	atggacgtac	cttgtggtat	300
ggctgtaagg	actcgatttt	acggcttgtg	tattcctaac	tatagctagg	cctgtcacct	360
gctgttcctg	tgatctcagc	tttacctaga	agagctcctg	aaacagaatg	ggtacacgaa	420
aatctggaat	gaatagctat	ctgctcaaaa	acgattgttt	aaaaacagat	gattggggcc	480
gggcgcggtg	gctcatgcct	gtaatccag	cactttggga	ggccgaggcg	ggcggatcac	540
gaggtgagga	gatcgagacc	atcctgggca	acatggtgaa	accccgctctc	tactaaaaat	600
acaaaaatta	gctgggcgtg	gtgatgccag	ccactcggga	ggctgaggca	ggagaatcgt	660
ttgaaccagg	gagtcagagg	ttgcagcgag	ccgagactgc	gccactgcac	tccagcctgg	720
cgacagagcg	agactccgtc	tcagaacgaa	caaagaaaca	aacaaaccag	atgactggga	780
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gagctttgga	aagaaaacaa	aaacaaaaac	aaaaacacca	aaaaacacct	aaatttcctg	960
tattaaagtg	acacataatc	atgttttctg	attctcttca	ctgtctgcct	gcggggaggg	1020
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cacccttagc	cccagcccct	cagctgtggg	gagaggccac	ctcctctgat	ggggtctcga	1320
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atcgaattgc	atcattgaag	agcttcacaa	cattggtacc	atcagcagcc	gagacgaaat	1500
acaggggcag	ggagaacttc	ttggcaaaat	tgaagctttt	ttgggtcacg	tttatgtctg	1560
ctgtagagag	aaggtaggac	attggtctgt	ctgtcaaggg	aagggaagaa	ggtttgaggg	1620
ggggggccac	tggaggcctt	cattccagaa	agtgggatag	gcagggatga	ttgggaaaca	1680
ggtcctagaa	agagctcagt	taatagggat	ctgtgtcttg	gaaagagggc	aggtcggcct	1740
agctggcttc	tttataaggt	gggaagaatg	caagcaacca	accaagggtt	gtatcttata	1800
gtgggaggga	ggaccaatca	ctgaaggttg	cctgcccggg	gaatggagga	ggaaatgtat	1860
gagggcaggt	ccccagtga	ttgctaacac	ccaggtgcag	ggatggcccc	accatcaatt	1920
ttattggcca	ccacgatgca	tgggatctct	ggcctgaact	cccgaagctc	tgtataccag	1980
gtgctcaggt	tcctatgggt	gactttcctc	tggacatcaa	acaccatgat	gcaagcgtgg	2040
gtcttgtggg	agtaggaggc	atgcatgctc	tggaaaccgtt	cctggcctgc	cgtgtcccaa	2100
aagtc						2105

<210> 2968
 <211> 1841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1842)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1188)...(264)
 <223> similar to gi2749982 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2968
tttttttttt ttatctgtat gaaatattag ttttaataaa acagaaccag tccatgtatg      60
gaggcatggg cataaggtca acttgacta aatgtaactc gtacgttttt tctaaaataa     120
tttcttgagc attgtgggtg ccttatgtac taacccgaag ctgaacttcc tgggaagctg     180
atccaatgga gcacttgga ttcaggggtg gagtcttctt cctgggtcag agctggttca     240
gggtcacatg ctcttgaggt ccctaaaggc cacatgtgct gcatttcgcc cagcagctcc     300
catcacacct cctccaggat gagccccact tccacagaga tacaggccct ggagaggggca     360
gcggtagcca gaatgcaggg gcacggggcg ggcgaaagtag agctgggtcca gggacatggc     420
gcagtggaat atgttccttc caggaagccc gaagattctc tccaaatctg gtggtgtgag     480
gatgtctctg ccaaccacag agtccttgaa gccaggggca tagacctga tgcaatcaaa     540
cactgtggga aggcaggcca tccatggcat cttcaaaggc ctgatgaagg aggaggggtg     600
cttcacagtt caggtggatg gagcattggt gatggggcag cggctggccc ctgggagcat     660
tggggggccgc cagggaagctg ggcagcctgt ctacggccac ttctgaccag gctgcagggg     720
gacacaggct ggaggtccgg gaatggagat gatgactgag ttcagctgcc ccagcctgg     780
aggtttctca ctcataggg tcaaaggaga cagtgtctga atgtgggtgtg cctcttacca     840
ttgatcttgg tgacaggcga ccgggtgtcc agctgagaga ttctctccag gaactcctca     900
ggaagccact cctgtggcgt cagcttcagg aaggtgatct gcggtgatgt gttggacagc     960
accattttgc ttctcacctc tgtgccatct tccagcaca ctccttgaac acagccttca    1020
ctgttcacct gcaccttcgc cactgtcttt tcagtgaaga tgcttgctcc atgtgtggtg    1080
gctgagcttg cgatcgcatc agagagggca cccatgcccc cctggacgta gccccaggcc    1140
ccctgcattc cctccaggcc ccccatcaca tgggtgcagca gcacatacct gtggacagac    1200
catccgactc agatccctgga ggtgggatct catctcccca gagttccagg tgcaactatt    1260
cctttccatc ttgatcttca gcccttccct gccaccatcc agccctctcc cagcagcctt    1320
caatgagctc aagttcttgt aagagccctt tgcccttctc acaccctctc cctaacaagt    1380
gtgtctatgt gcatagctta ttaccacaaa gaaggcaacg atgcccaaac ctgcagctcc    1440
agccctctcc tgagctccag ctccggtgtc cagctacca cagatatctc cctttggacc    1500
ctttcttggc agcatcttaa acccaccacc ttttcccat tctccagctg cttccccttc    1560
aatctttccc atcccagtga acggcacctt tcaacaggag gttctgtttc cgacagaaat    1620
ccaggtgtca gccttgaccg ctaccatcct tccccatcta catccacaaa gcaacaccaa    1680
ctcagcctcc aaagggttt caaggtcatc ccacctctca gccactcttc tcttcattat    1740
gctgctgcag tagtggccct cattggacc cctctccac gaattccncc gcnctgtcct    1800
agagtcatca gtgaggggnc catttnnccn ncggggggcgc g                                1841

```

```

<210> 2969
<211> 3395
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3398)...(630)
<223> similar to gi5911903 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2969
tttagttttg gatacacagt gcacttcatt ccaagagatc ttactagaga tccccgacag      60
tcagaagatt tcccgttga tcaggatatt tctcgacgtg tgttattgct ttgcttgtca     120
cagttttcta gggaaactgg gtgtcagggt aacactccta ggctggcctc ccatgaggga     180
gttacctcta ggaggcggca ggagttttat ctggcactga aaacttgctg gttggttttc     240

```

tagatccatg	tttatttttca	gttcaaagac	aaagtagaaa	acttgagagt	ggaaaaatggt	300
accttttagt	tcacactcct	aatcccttag	tccccataaa	ataaacattc	taaagtgtaa	360
gcagtagaaa	taatggaaac	tccacagaaa	cagaaaataa	ttagtttctt	tcagtcttgg	420
tggaggtcct	tttgccgaac	accatactcc	actgtgaaca	gaattcatct	tgaacgaaga	480
agaaatcttt	ggcctatttc	accatgtctc	cagcattgca	taacagacat	ttttcaaatt	540
cagtttcttc	tccaactgca	gcaaaaaggc	aaagagtagt	ctgtttcagg	agtctgcatc	600
gggtcctgtg	agagccttgt	ccacttagaa	caagccttta	acttgttctg	tttcggtatc	660
aagatctatg	tcataaaaagc	agggccgggt	gggcagtcct	ggcatggtgc	tcatcgttcc	720
gaccaaaggg	taaatgaacc	cagcgcttat	gctggcccgg	acgtcactga	taggtaagat	780
gaagtccttt	ggcacacctt	ttttgtcagg	ttggtgagat	agagaaaagg	gggtcctttgc	840
catgcagatg	ggcaaatctt	caaaaccctg	ttgagtgtaa	cgatctatct	tggcttgtgc	900
ctcaggagag	agttcaatat	ctttggctcc	atagacagcc	tgagcaatgg	tccttatctt	960
gtccacaatt	ggaacctgaa	catcatacag	gaactggaat	cggcttcttt	tactcgcagc	1020
ctctctcaca	gcccagagcca	agtcaccga	tccttttcca	ccaaccgacc	agtgatagca	1080
ggggactgca	tcaaaggcac	cagcccgtct	tgcaagctca	cacaccaagt	caatcgtagc	1140
gcgggtgtcg	gtcttgaaga	cattcagagc	caccacaacg	ggaaccccaa	agagctgagt	1200
gatctgaatt	tgcttctgga	ggttacagca	gccgtctgcc	accagctgga	tggtctcctc	1260
tgtatattct	ttcttaagag	gaacaccagc	cgttacactt	ggcccgcctc	catgcatctt	1320
cagagctcgc	accgttgcca	ctaacacaac	cacgttgggc	accaagccgg	aagctcggca	1380
cttgatgttg	aagaatttct	ccattccgat	gtcagcacca	aagccagctt	cggtcactac	1440
aaatccttct	tcaccaacca	gtttcagggc	aattttatca	gccaacactg	aagagttgcc	1500
gtgagcaatg	ttagcaaaaag	ggcccgcatg	cacgaacaca	ggtgtccctt	ccagggtctg	1560
catcagggtt	ggttttattg	catctttcat	caaaactgtc	aaagcacctg	tcacccccaa	1620
atcatctgct	gtcacaggct	gcccgccttt	gtcactggcc	accaccatcc	ttcccagccg	1680
tgcttcatg	tctgcgaggc	tgtccgtcag	ggccagcacc	gccatgatct	cgctggccac	1740
tgcgatgtca	aactgcgcct	gccggtaatg	gcccttctct	gtgtttccct	gcccgatggg	1800
tatttttctg	agaaatcggt	catttgtatc	caatactctc	tgccacgtga	tggtagatgg	1860
gtcgatgtcg	agacgggcaa	atttactcac	ttcctcttct	gtcagtgtgc	tcggatcagt	1920
cttattttatt	cccagttttt	ttagccgagc	aagctgaatt	tctgaaaatt	ctctgacacc	1980
attcactaaa	ggaaccagcc	gattatacag	agccttatct	gtttgcgtgt	tttcatgaag	2040
aatcctcggt	tcgatggcgg	cagccagcaa	gttattggca	gcgggtgatg	cgtggatgtc	2100
tccagtcaag	tgaagggtga	actcctccat	gtgggatgacc	tgggcataatc	caccacccgc	2160
ggctcctcct	ttcactccaa	acgtcgggtcc	ttgggaaggc	tgccctcaagc	aggcaaaagg	2220
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ttctccaaga	ggggtgggtg	tgatcccagc	aactaagacg	tattttccat	ctgcttgatc	2340
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tcttgaaatc	tcaatgtcac	ttggcacagg	ggagagaggc	tgaagtttca	agcagtgaag	2520
tctccaccgc	ctgtgctgct	gttcacgaag	ccatctcctt	ccactactga	ccatgttctg	2580
aattcgcaga	gctgcagcaa	ggagaatcac	atcatcttcc	tcaatgagtc	caccaaagt	2640
tattcttgga	gagccacacc	caaccttccc	tgacaggaag	tcatgggagc	agttgagaac	2700
agtagttcct	ggttgtatcc	aagtaagggg	aatctcttct	ggcttaggtg	agcctaggac	2760
cacaatgtca	gcctcgtgaa	gcttgctttg	aagctggcgt	gttttccact	ggatgctcat	2820
tgatcatggac	ccttttctct	ggaacaggca	ttgtagagca	gcttccaaag	acccatgggc	2880
ccccactacc	aaaatcttct	ttccatctag	gttgacacct	gatttttcaa	gaagttcaat	2940
tacagctttg	gcaacagggtg	aaacaaaaca	ttcatgggca	tcccctcgca	ccagcttccc	3000
cagggtttatg	tctgttactc	catccacatc	tttttctggg	ttcaaggcat	tgaggacttt	3060
gttgctaatac	aagttctcag	agatctgaag	ggcaaggcca	tgtactctgg	tatcttcatt	3120
gatctttaag	atttcatcta	taattctcgg	ttcactgcta	tctggacgcg	aggcaaatcg	3180
tgagtgtatg	tcagaccagc	ctcctcagcc	aaatctctgg	ttgatttcc	agcatcaagc	3240
ttgtccgtca	cctcgcctgg	ataacttgca	acgaaccgcg	cttgaagcgc	agcagttttt	3300
ttcttgccaa	taaactatag	atacttcttt	tgaattctga	atgacttctc	tgacgacgga	3360
gtcccgcgcc	gcgggcgttc	ggccgcgggg	gctgc			3395

<210> 2970
 <211> 1753
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1714)...(1016)
 <223> similar to gil907152 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2970
 tttttttttt gcttgttttt taaataaacc aaagtcaaaa acaaactgag agtgtgtcct 60
 ccaacagctc ttctactct ccttaggctt gccccgcgtg cctttcccac cccagcgcct 120
 ctgctggacc aacggtgcag ttcgctccaa gaaggtgggc cagggcccg ggaggtgcgc 180
 aacacacccc tggcatgctg ggcttgcctg ctggagggtg ctgctgctcc gtggagggca 240
 gcaggcccag gaaggggttt cctctgctcg cctaagttac agcacaatac tatgtggacg 300
 ttccattgaa aattttactt gaaaaataa aattccagat actcaggtga gacacaaacc 360
 cactgttcct gctttgagac ctgtgaattc ttgtgggaca gttccactga cagcttgctg 420
 tcccgaggta ccagtcctca gtgacctcgg gaacccaac cacttaggtc ccaaagccac 480
 aaggttgccc tttgtcttgc tgggaagctg gctgagggcc tgccagggct ggaggaccag 540
 ctctcccgca cagggttcag ggctctctcc agaaaaaga ggttttgaag tgaaaaggca 600
 acgaggggcc agagggctcc ccaggatggg tcttttgagg gtagatttga tgcccacaac 660
 gcatgcaagg ctaagacccc caacttagcc aacgaagccc atggcctcag aagggtgcga 720
 gcttgctcag gccgtgggcc aggatgcatg ctggacggtt ctcaaataa aaaagcccca 780
 agggtttgct tacactgctt acctgctggg gctgtgagtg gggagacggc ggctgccta 840
 gggctcctgg tgccaggctc aggaagagtc attcattgca aagggccggc aagtgaacca 900
 gggccacctc tgtccccagc ctgtgagagg agcagctagc cctgagaagg gcaaggatga 960
 atgaggctga ccacgtcaca ggagtcctcc aagagtgcag gggattcagt catcggccac 1020
 aatggagagg gcccgagct cactgagttt ggctcgctt tcccgctccc gctgctcatc 1080
 ggagtggcct ggctggtcaa gctgatggga caggctctca aagatcttgt gcatttccga 1140
 gtagtacaca acctgagctc ggatgaggga ctggaagctg ggctggaagt agtcgaggcg 1200
 gctgccgtag aagcgcgga tctcctccag cagctgcctg ttcttggtt caaagtcctc 1260
 ccgcacaggc cgcagctcct ctgctgcctg gtggagcttg gccagcactg gccccgtctt 1320
 ctcttttcc tcatacttct ccaccttggc ctgcagcctc ctgtagtcct gcaaggcctg 1380
 ttccgcctc ttacagcca tgttgaggct cgggaagaca ctgccgaact tttttaaggg 1440
 ctgatcaca gtcttctgga tctggttcac cttttcctga ttgaaggcat ccatccgctt 1500
 catggccgtg tccagggccg tcacatggtt cagaaggtcc tggctctgct cacagagggg 1560
 attggagagt aagtccaagg atatcttcac ggcagathtt gacatggtgc tgaagttttc 1620
 catactccct ttcaaagtct ctctccactg ttttgggcac aatctgtttc ttgggctgcc 1680
 caatcttaaa aggaatccag ctcatggtcc cgaacctgcg tctgccgccg gggtcctcag 1740
 ccacaactcg ttt 1753

<210> 2971
 <211> 1159
 <212> DNA
 <213> Homo sapiens

<220>

```

<221> misc_feature
<222> (1)...(1160)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4)...(440)
<223> similar to gi3650031 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2971
ctccctgacc ggtcccccctg ccctaactcc tccctgacct gttctccagc cctaactcct      60
ccttgaccag tcctcctgcc ctaagtctcc tccctgacca gtcctcctgc cctaagtctc     120
ctccctgacc agtcctcctg ccctaactcc tccctgacca gtcctcctgc cctaagtctc     180
ctccctgagt ggtcctcctg ccctaagtct cctccctgac cggtcctcct gccctaagtc     240
tcctccctga ccggtcctcc tgccctaagt ctctccctg actggtcctc ctgccctaac     300
tcctccctga ctggcctcca tccaagcaga gcttgagtat tgctggttcc ctgctcaaac     360
ccaccactgg ttgctggttc cctgctcaaa cccaccactg gcactggctt cccatcacat     420
acagaataaa ggctaaatgt ctacacttgg cacagaaagt catcaacagg cccaggggca     480
cgtttctggt gttatcttct gctaattgcc tgccctgact cctatgctgc agctgaatgg     540
aacgagccat tatccctca ggaacgctgg cttctcagta aacgattata gcccagaagc     600
cctgtcatca cagaacctag ctattggcta atgggtcagc tttggcttca tttctctgaa     660
taatttattt caaaacataa tcccaaggaa caaggttagg aaaaggggag ggtgacaggg     720
acagagggag agcctgtgca aagacgtgtt atccagttgg cccctgctgt ggctggctgg     780
ttgctcaatc ctgtaagatc ttctaagaag ctttatgaga tgtagtgaga accatctgtc     840
ctggggatga gtctgtctgt cggcttccat tcctcatggg ttatgagttg ctccacagga     900
ttctggatgt atacagatgc tcttcatctt aggaaggggt tacgtcccaa taaacacgtg     960
gtaagtcaaa aataactgtga cctggaagct ttctcctggc tgcgagttgt cccacgtttg    1020
cttggcgttg cccggccttt tccagactga accaatgttc atcttacatg tgttgattga    1080
tgtctcatgt ctccctaaaa cgatatgacca ccttggcaca tgtcgtcagg acatcctgag    1140
gctgtgtcac ggntgtgca                                     1159

```

```

<210> 2972
<211> 1249
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1250)...(323)
<223> similar to gi5531811 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2972
tttttttttt tttgtggaac acaacacctt atttattcag ggtgtaatac tgtctacttc      60
ctttcagaag acttgaaaaa gatcaaaata ggataaatgg acagttacta ctaaacgatt     120
caaatacttg ggcagtatct ttccctctta accctttcac acgtttttta agtgtcaaaa     180

```


ttgatgaatg	gtataaattc	aaaaggaaaa	ttcttttcta	ctgaaaagga	catccagctc	240
gcacaaacgg	tgggttcagct	gaaggcaagg	cgtttctggt	tttcctctgc	actcgggcgg	300
atcgttaact	tccccaaagt	acaactgagt	tgctctttcc	aggcttttcg	aagcatcttt	360
aagtttcccc	accaagtcct	gtaattgttc	catgctgcaa	ctaaaaactaa	tctctggata	420
ggatggggaa	tcagtgttct	gtacacttaa	ggtcaccaa	tatgcaggct	tgtacatcct	480
atgaagttga	ttggtcttta	tctgatattc	caagcgccaa	gaaacatccg	ttatatgagg	540
gagaaatctg	cctatactga	aagatgcaat	gataacttcg	tacatagtct	cctcagaaga	600
acttttcagt	tatttatatt	tactaagaat	ggctctactt	tccaccccca	actccatttt	660
aatccattct	gaatttaaac	cattgttaaa	ctttattttt	aaattatgaa	tggtaaagga	720
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gacatgccct	ttggctcctt	ttctttgggt	caagatcccg	aagatcttgt	ttcacaccaa	840
cactctccat	tcatacctgc	aagtgaaaag	tgctcagct	tgacacctta	tacagtacct	900
accttcccag	taggatttct	agggaaattct	tattatactg	atattccgtg	caaaacagtt	960
ctattcgctc	tctgtcaaat	ttacagtctt	ctagataagt	gcttagagtt	gacttgtcag	1020
ctcggtgctt	tcctgcctct	agtatgtaag	ttgcagctgc	tgcatgacaa	tgttttaaaa	1080
ccactgggtc	gatatgtttc	aagtctggat	gatctaacac	ggcctcgctc	gcctgggcgt	1140
ccagcagact	ctggaatgcc	gcccggagga	gaagcgtgaa	ggcgttggag	tcgaaggagc	1200
ggggatccgc	cagcatctgg	aagcctttct	gcacagactc	cgagagctc		1249

```

<210> 2973
<211> 5664
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(5665)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (5665)...(3934)
<223> similar to gil510153 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2973	
tttttttttt	ttgcacagaa aacattgctt tattaactgc gtttgccaac acacgaggag 60
tgcaaagggc	tccctatgac acaagccctg gtggggccgg ggtctggaag ccccatgag 120
tgagcaggac	aggatggggc tgggaactat gcagcagcgg caacacagaa tcatgcaggg 180
cacagcgggc	actggccaca cccaggtgac catacattct attgctcggt aagggttgcg 240
cacatggaca	atgtacaaaa aggagaaata ggtctttgcg ttaatgaaaa atacattttt 300
tctctacaaa	ggaatctttt ctaatacaag aaaataaata ttgcaacata agccaaaaat 360
aatttaaaat	tgctcttttc aatatatttt caatatttct cttgtatatt aacaaatggc 420
acatcacttt	ctttgaaaca aagacagaag gtgtctcctc ctgtgacatt catatcatcc 480
ccccaccgtc	ccctcaaact gacgtggaac acaaagtgtt tgtgcctctg agggagaaag 540
tggcaggagg	tgctttaaaag aacaaccaa ggtctcagac tccagccctg gctcattggc 600
caatgtggcc	agcgaggcca agggcatggg agagtgcctt cccaagggc cttgctatag 660
aaatccagat	catttttcag tggtttgcat atggacaaag gttggccaca tctggcagtt 720
agcaaggaaa	tgccaagtgc agccgctgcc aatgttggtt agaattgggc agttgaatct 780
ctaggaattg	tcccagctag tcccacagtg tgcccataca cagtatacac aggcattgcct 840

gcatacggac	acacgagacg	tggcctggca	cacccccac	aaacaattca	acatctatgt	900
ctggaaacct	ggggtggctt	ctccaaggaa	gctgaggccc	ttacattgca	aatgctcaca	960
cactgtcact	aagtcaggct	catttaataa	aataaacctt	tctacctttc	ttctttctcat	1020
ttgtttcaaa	atacatttat	gatacataaa	aatacttttc	ttgcacatta	tcctttgtca	1080
tgtgatgagg	gggaaggagg	tgggtgggcg	tcaggtcagt	gagaaggggg	acgatagcca	1140
gaatgagtta	cagagcagct	tctccttccc	tgcggaggag	ctgtgtgtgg	aggcagatgt	1200
ggttgagaga	aagatctacc	tccacctctg	acctggaaaa	ggaacctgcc	tcagtctcag	1260
ggacaagcaa	agccctctac	actggggaca	gtagaccgga	aaaagacaga	agcggctgtg	1320
accaacaggg	gaaaggctgg	gaactggggg	aggatgggtg	gctggcatcc	ttctccttgc	1380
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gcttgggagt	gaaagggcac	cccaaataaa	aggccacccc	cctccccctg	cagcagccag	1500
ccagcctaac	agacatttgg	gttctgcagg	acacaggctc	agcaacagtc	cagtcctaaag	1560
caacagccaa	tgaagaaggg	ccagaatcca	gaggccaaca	atgtgagcag	aggctccttg	1620
aagaacacca	gccagcccga	ggcaaggggc	cagactcggt	gcaccctctc	cctaattctc	1680
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<210> 2974

<211> 1336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(1109)

<223> similar to gi3170538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2974

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ccgtcactgg	gaagctgcta	gtcaagcccc	ggctgctgga	agacctggag	gagcagctgt	180
actgctcagc	ctttgaggag	gcagccctga	cccgaggat	ctgtaatcct	acttctctgt	240
ggctgccttt	agacatggag	ctgctacaca	gacaggtcct	ggctctgcag	acacagaggg	300
tctgctggg	tatgtggctt	cgtagggctt	gggatacctg	ggtttcccca	aggagagttag	360
cccctggttc	cagggtgctt	ctgacagcct	cccatccctg	cacagagaag	aggcggaagg	420
cttcagcctg	gcaacggaac	ctgggctacc	ccctggctat	gctgtgcttg	ctgggtgctga	480
cgggcctgtc	tgtgctcatt	gtggccatcc	acatcctgga	gctgctcatc	gatgaggctg	540
ccatgccccg	aggcatgcag	gtaccaggct	gccctccca	catatccttt	ggggaggggcc	600
taagaacagc	tggggagagg	aggcagaagc	tgaggacagt	gggaaggctg	gggtgccgggt	660
agtgtgatg	gtggggaatg	ctcacagtga	tactgcccc	ctcctcaggg	tacctcctta	720
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gtcctaagct	cagcacttcc	tgtcttctct	cgaaccctgg	ggctcactcg	ctttgacctg	960
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ctttgtgggt	aacgtacctc	atccacacat	tctgtggctt	ggctgcctgg	tccctaacgg	1260
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ccgctgcccc	tctccg					1336

<210> 2975
 <211> 1512
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (249)...(1167)
 <223> similar to gi3043548 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2975	
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aggccagctt	cccagttgaa
ggccctggtc	ttgccgctgt
tcatttgcat	gattgagatg
tatataacag	tgctgattat
cagttattga	aagcttgctc
cactgaataa	tatctcagtg
caagtatgtg	aagacactgt
aggttgataa	ggcatctgac
tcagaatttc	ttcgtttgtt
tgggaatgct	tttgaatttc
atgcaccaac	atcacctgat
aatgctcttt	cactatttga
accccagggg	caaattcagt
gtgccaaaga	acttcgagcc
ttgagctatt	aataagtaaa
ttttggtttt	gcactctgga
atgttaccta	tgatgggtcta
ttgtactaaa	aatacatgtg
cttcatgagc	agaaactgaa
ggacttatgt	ttatacattt
gcagcagaaa	aa
ctgagagtga	gaacagtaat
ctggagctgg	ggataacacc
tagggtcttg	gttctgtgct
ctaaagccaa	aaagtcatct
gaatggggtc	atgggatgga
aggccagctt	cccagttgaa
ggccctggtc	ttgccgctgt
tcatttgcat	gattgagatg
tatataacag	tgctgattat
cagttattga	aagcttgctc
cactgaataa	tatctcagtg
caagtatgtg	aagacactgt
aggttgataa	ggcatctgac
tcagaatttc	ttcgtttgtt
tgggaatgct	tttgaatttc
atgcaccaac	atcacctgat
aatgctcttt	cactatttga
accccagggg	caaattcagt
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ttgtactaaa	aatacatgtg
cttcatgagc	agaaactgaa
ggacttatgt	ttatacattt
gcagcagaaa	aa
ctaagagtgg	gaaagatgcc
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ggtcggaaac	taagttttgca
gaaaacaaac	caggactggg
ctaatatgga	tccacgagat
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tggaattcaa	atgtgcagtt
aacctatagga	aggttaaaac
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aaagaagagc	aaaagcattt
attccaacga	cctaaagcat
aatgcaatga	ccctgagggtg
ctgtatgttc	ccaaacaaat
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cattttaatgg	aacaccaa
ataagtaagg	taatcttttg
ttatgtcatc	aataaagttg
tgatgtttta	

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<210> 2976
<211> 1318
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1321)...(0)
<223> similar to gi4098124 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2976
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taaaatgtgc gacagaatta aatatcaagc tttgtcatct aaaatcgtat aaatataaaa     180
tatcagtcac ttctggaaac atcttaagaa aatccggcaa ccacatgtcc attgagtagg     240
tgtctgatgt tgacggtgct tacattcagg acatatcacc tcagatccaa cacaattatt     300
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gtggatgaaa gccctttttt ttacaagcag aaacctcaag catgccagca ttggtgagcc     420
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gatgtgatg gatccatcct agagtgagga gatcatgttg atcctgaaca ttgaataatt     600
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ttatatttct ttaaaaggtc gtttttcaat tcatctgtcc ttgggaatgc aatctccttc    1260
agtttcttca taatatcctg cttttcaggt actgcacatt gctggtaatc ctcgtgcc      1318

```

```

<210> 2977
<211> 3593
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2183)
<223> similar to gi5759129 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2977

atgagcctct	ccatgagaga	tccggtcatt	cctgggacaa	gcatggccta	ccatccgttc	60
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ttccccgcgc	tgacgtgcc	tcccaacggc	gcggcggcgc	tctcgctgcc	gggcgcacctg	180
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<210> 2979
 <211> 5268
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (409)...(289)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 2981
<211> 353
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(353)
<223> similar to gil619936 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 2982
<211> 1956
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (2)...(519)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gcgcttttac	gtggcttctc	cctcagccag	ccttgagaag	gctggagggtg	gtgtcatcac	1320
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ccgtatttac	aaaaaaaaaa	aaaagggggg	cccgtttaaa	agaacccttg	gggggccccaa	1740
atttaacgcg	ggctggcaag	gaaaaatttt	tctccttaag	gggggccgta	taaaaacctg	1800
ggcccggccc	gtgttttaac	aacgccgaaa	ggggaaaatc	tcttacctgg	gaattttgga	1860
aaagaacctt	tattttgggg	ggggaacata	gtggcccaac	ctccctccaa	aaattaaagg	1920
ctttagggaa	aaaaaaaaatt	tttaaggggt	ataggg			1956

<210> 2983
 <211> 3390
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(3214)
 <223> similar to gi5533377 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2983

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gtcagctgat	gtgcggaagt	caaagactat	cccacgacgt	gggaaaagta	ctgtgtgttt	180
agataaagac	agtaggaaaa	cacatgtaag	aatccatcag	accaataaca	aatggaataa	240
aagacctgat	aatctagta	gatcttcaaa	aacagagaag	aaagataaag	tgatgagcac	300
ttccagcttg	gaaaaaatag	ttccaattat	tgctgtaccc	tcttctgaac	aagagatcat	360
gcacatgta	cgaatgataa	gaaaacatgt	aagaaaaaat	tatatgaaat	tcaaggcaaa	420
attttcatta	atacaatttc	acagaattat	tgagtcagca	attttgagtt	ttacatcttt	480
aattaaacat	ctcaacttac	acaaaatctc	taagtcagtg	actaccttac	agaagaatct	540
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gagatagtga	tgaaggcaaa	cttgaaaaaa	caagtaaaaca	gaatgcacag	tattcaaata	780
ggtcagaaaa	gggagtgtgg	gacaactcca	acagagggaat	tgctggaaag	gaaaaattat	840
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tgaggaaaaat	tatcaagacc	aaaataactc	cagtattaac	actgtaaagc	atgacattaa	960
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tgacacagaca	tcccagcatg	caactttgaa	gccagaacga	agtttcgaga	ttcttaccga	1140
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tgagtgggag	ttaaagactc	cagagaagca	gctgctagag	actcttaagt	gcgagtctat	1320
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catacttctt	gaagatctag	cagtctcttt	aacagtacca	tcgcctctga	agtcagatgg	1620
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catgaagaac	agagctctat	gatacaaaca	caggttcctg	atatatatga	atttcttaaa	2160
gatgcttcag	ataagatggg	tcatagtgat	gaagtggctg	atgaatgttt	caaattgcat	2220
caagtatggg	aaacaaaagt	gcctgaaagc	attgaagaat	tgctttcaat	ggaagaaatc	2280
tcacactctg	ttggggaaca	tcttccaaac	acatacgtag	atctaacgaa	agatccagtc	2340
actgaaacca	aaaacttggg	ggaattcata	gaagtaacag	ttttacatat	tgatcagttg	2400
ggatgttctg	gaggcaattt	aaatcagagt	gctcaaatat	tagacaattc	tttgagggt	2460
gatactgtag	gtgcttttat	tgatttgaca	caagatgctt	caagtgaggc	taaaagtga	2520
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gataattgta	aggaagaaaa	ggcacaagtg	gcaaacaggc	ctttaaaatg	cattgttgag	2640
gaaacctata	tcgacttgac	cacagaatct	cccagttcat	gtgaagtaaa	aaaagatgag	2700
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tctcacaaaa	agagaagaaa	catttctgat	ctaaatcatc	ctcataaaaa	acaaagaaag	2820
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tcatcattaa	aggcaacccc	agggattaag	gattcatcag	cagcacttgc	cacttctaca	3000
agtctttctg	caaaaaatgt	tattaaaaag	aagggaagaa	ttatcatttt	atggacaaga	3060

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aatgatgacc gggaaatttt attggagtgt cagaaaagag ggccatcatt taaaacattt 3120
gcatatttag ccgccaagtt ggataaaaaat ccaaatacagg tctcagaaag attccagcag 3180
ctaataaagc tctttgaaaa gtcaaaatgc aggtagttaa tggttacact acaggagact 3240
agtaaaataa atgtttgaca ctgtagttgt gcagttaatg gcctgttagt cattgaagat 3300
gtgaatagtg ggtgagagac atccagttga gttcctgctt cagtcacagg ttggaggatg 3360
attgctcgag caggcatcta aggtgacctc 3390

```

```

<210> 2984
<211> 1079
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1080)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (464)...(642)
<223> similar to gil890050 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 2984
cacctgccta ggactctcac agtgctggga ttgcaagcat gagccaccgc acccggccca 60
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gttcttggtt tcccctgaag tttgtttcaa gataaacatc cccgctgctt cacccttccc 180
tgggtgtgat cagcgtggct ttcacacgcc gtccatctcc ctgctggcg tgtccctccc 240
agaatcaaaa ggcagacttc ccggggagat cccaggccat ggcggggagc agagccatcg 300
ggagttccct gtcaggagtc ctgccctcag atttgagagt gcagaacccc gccagcccc 360
caacttgcac gcaaaccctg gcatgtgtgc ctctttcctg agggatcgtc cataaatatc 420
accagattat cttaaagggtt ggaaaggatc catgaaccaa aatagggcaa gagccactgg 480
tcaagatgct tcccctctgc aattgcaaaa gtggagtgga ttgtgtggtg agatgaggaa 540
gtttcattct tctcgtttgt tttctcccag tacgagtatg cgttgagaca tttgtacgtg 600
ctggtcaacc tttgtgagaa gccgtatccg cttcacaggt aactaatgca gcggtgacgc 660
ttgaaaggtc gatgtcattc tgaaagcaga aggggctgcc atcctcttct gcaagtgggc 720
agtttcactt ctgccaggag ctccctccag ctttcctcta cagccatttg tcagcagggt 780
ccagaagcca cgttctcagt gacagctgct gggcgggcct gtcataactg cctgcctgcc 840
gcatgtgggt ttgctgttgt ctgcctttct tcagagttga cgcggttcac caagttctcc 900
ttcctgtctc tcgcaggata aaattgtcca tggaccacgt gtgccttggt cactactgaa 960
gagctggctc ctggaagctt ttccaaagtg tgagcgcccc caaccgactg tgtgctgatc 1020
aagagactgg agaaggtgga antgaagaag tctccgctgg ctcnngggcc tcctgggga 1079

```

```

<210> 2985
<211> 985
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(986)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (985)...(377)

<223> similar to gi3776056 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2985

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aaattcctac	cattaaactg	gcttggtgt	tgtttgggtt	ggagtagcct	gtgggggcct		120
tggggaagg	tgctgtttct	ttctagtagt	ctcatgtcgc	tttaggtcag	ctgggctggc		180
ttacacgcgc	tgtgcggtct	tcatggagat	gggagctctg	tgtgtcagca	caggaagtgg		240
tctcccagcg	ttcagcctga	agcagcccaa	gtcctgtagg	tgcttgccc	tctctaaacc		300
ccccagaaac	atcagtgcaa	gaaggaagag	actgctggca	aagatgactc	ccaaggctgt		360
tctccgctct	ggtgggacaa	cctgggtgct	ggccccaagg	ggctcctcca	gagagatgtg		420
tgtgacctgg	caggtgtaag	tggcacctgc	agagccaggt	tctgcggtga	gagaggagga		480
gatgctgtag	gtgcctgcca	cgttttgct	gaggctggag	aaggaggcac	cagagacttg		540
ggctggggat	ccaccagct	cctctcggt	ccacgtcacc	accacatcca	gagggttaata		600
gccagcaatg	tcgcagatga	gggtgggcag	cagagcttcg	tttgccaagc	tcagtcgtac		660
tttaggggaa	gcttggtatg	tgagctggat	gatctgctga	gctcggtaca	gagaggtggt		720
gatctggcaa	atgtagggtcc	cctcgtcctg	tatagttagg	ccgggcaggg	tgagggaggc		780
atccctggcc	atgccagtt	gtgcaggctc	cagggtagcg	cccttcgcga	cagcctgccc		840
ctgccctgcg	gtccagctgt	acaccaactg	acccctgccc	ttgtgctgca	gtcgccactc		900
cacactgatg	aggtccaagc	ccggtgccat	gggaattcca	cctcactgcc	taggggtcttc		960
gatagggttt	cgaanggccg	ggccc					985

<210> 2986

<211> 1719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1721)...(1100)

<223> similar to gil754969 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2986

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gaaatggaag	gcaagcagcc	aggatggagc	tggttgctgg	gaacacttgc	tggaggtgga	120
aaagcctctc	gtcagagccg	tgggtgggtc	ttggtggcag	gccccctgct	caggccacgc	180

tggaaccag	cctgagctt	tgctttgcct	gcacagccca	cctagagagc	cattttttggc	240
cagagttctg	ggtgggagac	ttggggccag	tgagaccag	actctgagtg	ggaggcctgc	300
ctccctggtc	caggccatgt	cctatcttgt	ccctctctgg	gtgataatgg	aaacagagac	360
aggaagtagc	agtcagtcca	ggctgggccc	ctccatcccc	gacactctgc	tccttgagc	420
tggtgccaca	tcacagcgat	cacagagctc	agccactact	cctggccaga	ggacatgtgc	480
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gccagtctt	gtccaactgc	agaggcagct	ggttgtggtt	gagtttgagg	gctgatgagg	660
ccaggagcaa	cagcagccgc	tgttccaccc	ctgggtcttc	ttggataggg	tgtgtcccag	720
ggactccaga	gttttgcggg	ggcaggttct	tacagggcag	taccacagct	gagagtctct	780
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atctccctgg	tctggcctgt	ccactttccg	gcagcttcac	atgccggtgg	ctttggggct	960
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aatatattac	tgttttgttt	ttacaaaaat	taaaaatgtc	cacacggatc	tgtacagggtg	1080
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acgggacacg	gctggtccag	gctggtggt	cccggctcgc	ccttctggcc	cttccactcct	1200
ttccggccgg	ggacccctcg	ttctcccttc	tctccacgct	cgtccgatac	acctttctct	1260
cctcggggtc	cagggaaacc	atctagtcct	ggctccccgg	gtcggccctt	ctctcctttg	1320
gttcctggca	gcccataaag	gcccgggtgg	ccaactggcc	caggcaggcc	gctggggcct	1380
ctctcaccog	acgcaccctt	ctctcccttt	gctccatcca	agcccttggg	accttgatt	1440
ccctggaggc	ccatcgggcc	tgggggggcca	ggggggccag	ggggccctgg	ctccactatg	1500
agctgagcca	ggctctcctg	taggctgtca	gacgcgact	cccccttctc	cccccttgagg	1560
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ggcccaggct	ctcctgggtc	tcctttctgt	cctttggggc	ccttctctcc	atcgattcct	1680
ggggcaccgg	gcaatccaag	ctcgcccccg	acgcgtggg			1719

<210> 2987

<211> 1619

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1345)...(223)

<223> similar to gi5420387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2987

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gcaaacctta	caaataaata	agcggggtcg	ggggcggggg	tctctgcagt	ccagggccta	180
cgggtccaacg	gcagtcagg	cgaatcaatt	caccagcagc	gaatgctcct	ccgaggggtc	240
ccttcgcgag	cagcagagaa	ggctgcaggc	cgagccgctc	ccgcggcgga	acttgccgga	300
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cattgatgag	cgagaacagg	cactcagaca	ccatggagag	tgagcggaac	ttcacatgat	600
agggccccag	cacgatccag	ccacagaagc	agtagcccag	gtagatgaca	gccacgcagc	660

agcagaagcg	catgacgctg	ggcagggcca	cccgcagtgt	ggcgatgagg	atattgtagt	720
tgtggaagaa	ggtcaggtag	cggatcacgc	ccacccacac	cagcagcgtc	gaggtgcccc	780
ggaggatgct	gcagacgtcg	tagctcgcca	agttcttggc	ctcgatgccg	atcttcatga	840
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acatacgcat	accggccccag	tgacacgtca	ggcaacgccca	ggtactggtc	cacagcatgg	1560
aagatggcct	ggtacagctg	ctcccgcgtg	taggctgcga	aggtgtcatc	cgctccgtc	1619

<210> 2988
 <211> 2193
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2196)...(872)
 <223> similar to gil835750 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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taactgtaat	aaagtgtgaa tcctttaata acctgggttt ttaaaagggg gccacccaat 180
gggggtaatg	gaaaaggggg atgttaatgt actaggcttc cctggaaaat attttaacaa 240
tttttcatac	aatactaggg aaaacttccc cttcttccac gtttaggctt aatagaacaa 300
atcacatgga	aagtttcata gtgggttctt ttattttataa aataatcaca ttcaagtctt 360
accagagagt	agcaaagtct tcaattcctt tcctttcctt tgaagaaata atgtagagca 420
atcactcata	aatccctcta attataaata aaatccaaga tattatttga caatgagatg 480
ctttatttaa	acttgataca ttactatat aagaattctg tgaaaaaatg gggatatgaa 540
ttatttttga	tctgaatctt tgcattataa aatctaacc aaactatgt catttcactg 600
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aagacaagtt	tcagctgact tccccatggt gttacaagtt ctccctagtga agtaaaaagt 720
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ccagccctat	atctgtgctt ggcatgaggt tcacacaggt tcggccttga gatggggatg 840
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tcaggcctgg	gtgtctctgc agtgagatgt ctgtgggttg taaacagttc tgtagagtct 960
tgttctactg	atctttcttc taggtctgac tctgggattg tagtacaacc acctggcatg 1020
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atctatcgca	gagcaagggtg atatgtttct tcagttgggc tcgtgtcatt ggggtatgtc 1140
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atggttgaaa	atggcggcat ccaccgtttc ttcccagccc aattcttgag tgtcttcttg 1260


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atgtgagaaa caattctttt taatttacag caaaatattg aataaccatt gacaaaaaca 1380
ctattatfff ttgtaccaa aatacttaaa gacctcagaa gcaactcttt acttttaaga 1440
aattgctfff ttgaacttta ttcagaagca gttatcaata aattccataa aataatgtca 1500
ttgggtatffa aaaatgaata ttaataataat gaaatgggtt gcctttttgt aggcataata 1560
agccaaatac ttttttacc aaaataatft ttagagaaaa tgatgtaatt aaaaattgta 1620
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attattgcta taccaaata gatgaactct gttcatcact tttcttctct gtcccaaac 1740
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<210> 2990

<211> 2432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(2320)

<223> similar to gi4589628 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2990

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<210> 2991

<211> 7131

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3186)...(7134)

<223> similar to gill196429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2991

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<210> 2992

<211> 1455

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1456)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1081)...(195)
<223> similar to gil79594 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 2993
<211> 3892
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3880)...(1696)
<223> similar to gi961444 in the genepept database release 114,

```


Run with FASTXY 3.3t00, default parameters

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tggtgactca	gctcaagtgt	ggccccgatct	catcacctcc	agacccaaca	tctcgctgac	660
agtggccctc	agtagctggg	gaacagttga	ggtttctggg	cagcacatta	ggacatatgt	720
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aggtagccac	ctcgccattg	atgacctgcc	cttcaataat	tgttttgtaa	gagttgatga	3000
ccggggagag	gttgtcactg	gcttgcaagg	tgtcccccaa	actgttatca	ttgtcctcag	3060

09489725 "012100

```
tctcactggc gagtttaaat aaagtccgcc tcttgttctc aactgatca aacagctcct 3120
tcatcagctc tctgtccccg tccgaagagt cctcctggct gtaatgaagc agcatctcac 3180
tgagcagtct cacgttggtg ttaacttcct ctaacgtgtg cagacgcttg gtcaccttct 3240
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catctgggtt tttgcttttc agcagcttgg ctaaaagctt ggacttctcc tcatcatcaa 3360
aaacagggtt tttgggacga ggtggtggag aggggatcag cgtcctatcc acaggaattg 3420
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cactccagtg cactaagcct ggggctacct ggctggccct ccttggccat ggttgttccc 3720
cttcccagtc cgctccctct cagctgcccc cacagtgtgt agactcacc ttccagctcc 3780
ttgttgatct gatcacagaa gccaattatg tattcccagt cctcctggcg gttggaagga 3840
ttggtggctt tattgagcca ggactccagg ctttcccacg aaatagtcga cc 3892
```

```
<210> 2994
<211> 283
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (281)...(30)
<223> similar to gi854422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

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<400> 2994
ggagccaccg cgccccccgc caaathtag ctttttgagc tctgtgcgtt gtgcctttca 60
acacttttca caatggattt tctgttctt gataaggaag gcacccttga tcctgtcatg 120
gattcattta gcacacattg gaccacgata ggccctgtgt acatgttttt ttcatgttag 180
acagcattat aagaacttta aatctcacgg cacaaccccc tcgaagtctg tctgggcaca 240
tgccacatgc caatcttgtg cctttcccaa ccttcttggt tgg 283
```

```
<210> 2995
<211> 1642
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(1274)
<223> similar to gi5640019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 2995
cgcgggccgcg tcgacataaa tgtgaggaat gtggtaaggg cttcactcag gctgcacatt    60
ttcacatcca tcagagagtc cacactggag agaaacccta caagtgtgat gtgtgtggta    120
agggcttcag ccacaattca ccattaatat gccatcggag agtccacaca ggagagaagc    180
catacaagtg tgaggcgtgt gggaaaggct ttaccgtaaa tacagatctg catattcatt    240
tcagagttca cacgggagag aaaccctata aatgtaagga gtgtggtaag ggcttcagtc    300
aggcttcaaa tcttcaagtc catcagaatg tccacactgg ggagaaacga ttcaagtgtg    360
aaacgtgtgg gaagggtctc agtcagtcct caaagcttca aacccatcag cgagtccaca    420
ctggagagaa accatataga tgtgatgtgt gtggtaagga cttcagttat agttcaaadc    480
ttaaactaca ccaagtaatt cacactggag aaaaaccata taaatgtgag gaatgtggga    540
agggcttcag ttggagatca aatcttcatg cacatcaaag agttcactca ggagaaaaac    600
cctataaatg tgagcagtgat gataagagct tcagtcaggc catagatttt cgggtacatc    660
agagagtgcca tactggagag aagccatata aatgtggtgt ctgtggtaag ggcttcagtc    720
agtcctcttg tcttcaatcc catcagagag tccacacggg ggaaaagcca tacaatgtg    780
atgtgtgtgg aaagggtctt agatacagtt cacagtttat ataccatcag agaggccaca    840
ctggagaaaa accttcaaaa tgttgaagag tgtgggaaag gctttggtag gagcttgaat    900
cttcgccatc atcagagggt ccacacggga gagaaacccc atatatgtga ggagtgtggt    960
aaggccttca gtctcccctc aaatcttcga gtccacctgg gtgttcacac cagggaaaaa   1020
ctctttaaat gtgaagagtg tggtaaaggc ttcagtcaga gtgcacgtct tgaagcccat   1080
cagagagtgcc aacttgagga aaaaccatac aatgtgaca tatgtgataa ggacttccgt   1140
caccgttcac gtcttacata tcatcagaaa gtccatactg gtaaaaagct ttagaaatga   1200
gaaatgtgtt accaactttt gtctgaatgc acatcttcaa gtttttggct agtccatgct   1260
ggtggtaaac cctgtaaaac tactgagagt ggaagggggg ttgttcacac ttgggaatct   1320
ttctaacaaa tccatcaaga tgataacaca gaacatgaa caggaataga actcgtatct   1380
aggggagaaa tagggctggt ggctctcttg gtaagatcta gttaatatata atgatcacct   1440
ttcattgtga atatatgcct gaagataatg tgtggaagga tatttgccat atgctaactg   1500
gttttttggc caggagagat tttgggttat tatccctttt ctttaatttt cattttatac   1560
ttacagtgat cattattttc ataaaagctg taaagctatg aaaaatgaat aaaattacta   1620
aaaattttct gtaaaaaaaaa aa                                     1642

```

```

<210> 2996
<211> 1759
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (404)...(1702)
<223> similar to gi5917666 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2996
gacccgcctt gcggaattcg gcacgaggga cccctgtgcc caggctccgt gcgagcagca    60
gtgtgagccc ggtggggccac aaggctacag ctgccactgt cgcttgggtt tccggccagc    120
ggaggatgat ccgcaccgct gtgtggacac agatgagtg cagattgccg gtgtgtgcca    180
gcagatgtgt gtcaactacg ttgggtggctt cgagtgttat tgtagcgagg gacatgagct    240
ggaggctgat ggcatacagc gcagccctgc aggggcccag ggtgcccagg cttcccagga    300
cctcggagat gagttgctgg atgacgggga ggatgaggaa gatgaagacg aggcctggaa    360
ggccttcaac ggtggctgga cggagatgcc tgggatcctg tggatggagc ctacgcagcc    420

```

```

gcttgacttt gccctggcct atagaccgag cttcccagag gacagagagc cacagatacc 480
ctacccgag cccacctggc ccccccgct cagtgtcccc aggggtccct accactcctc 540
agtgtctctc gtcacccggc ctgtggtggt ctctgccacg catcccacac tgccttctgc 600
ccaccagcct cctgtgatcc ctgccacaca cccagctttg tcccgtagacc accagatccc 660
cgtgatcgca gccaaactatc cagatctgcc ttctgcctac caaccggta ttctctctgt 720
ctctcattca gcacagcctc ctgcccacca gcccctatg atctcaacca aatatccgga 780
gtcttccct gccaccagt ccccatgtt tccagacacc cgggtcgctg gcaccagac 840
caccactcat ttgctggaa tcccacctaa ccatgtccct ctggtcacca ccctcggtgc 900
ccagctaccc cctcaagccc cagatgccct tgtcctcaga acccaggcca cccagcttcc 960
cattatccca actgcccagc cctctctgac caccacctcc aggtcccctg tgtctcctgc 1020
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tcagagcccc actaaccaga cctcaccat cagccctaca catccccatt ccaaagcccc 1140
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tcccacagca gcccacaacag cctggggga ggctggtctt gccgagcaca gccagaggga 1260
tgaccggtgg ctgctggtgg cactcctggt gccaacgtgt gtcttttgg tggctctgct 1320
tgactggggc atcgtgtact gcaccgctg tggcccccct gcacccaaca agcgcatcac 1380
tgactgctat cgctgggtca tccatgctgg gagcaagagc ccaacagaac ccatgtcccc 1440
caggggcagc ctacagggg tgcagacctg cagaaccagc gtgtgatggg gtgcagaccc 1500
ccctcatgga gtatggggcg ctggacacat ggccggggct gcaccaggga cccatggggg 1560
ctgcccagct ggacagatgg ctctctgctc cccaggccca gccagggtcc tctctcaacc 1620
actagacttg gctctcagga actctgcttc ctggcccagc gctcgtgacc aaggatacac 1680
caaagccctt aagacctcag ggggcgggtg ctggggtctt ctccaataaa tggggtgtca 1740
accttaccca aaaaaaaaa 1759

```

<210> 2997

<211> 2492

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(1689)

<223> similar to gil430783 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2997

```

agttgcgtgg aatttatcca aatccagacc gtgggtgccc tttccccacc accatcccag 60
ctgttctcac cctgggaagg ggagcggcgg gttggcacgg ccagtgtcct ccaaccagtg 120
aagaagcgca aagtggacat gcccatcact gtgtcctacg ccatctcagg gcagccggtg 180
gccaccgtgc tggccattcc acagggccag cagcagagtt atgtgtcttt gaggccagac 240
ttactgacag tagacagtgc ccacctgtac agtgccactg ggaccattac tagccctaca 300
ggagaaacct ggaccatccc tgtttattct gccagcccc ggggggaccc tcagcagcag 360
agcattaccc acattgccat tcccaggaa gcttacaacg cagttcacgt cagtggctca 420
cccacagccc tggcagctgt taagctggag gatgacaagg agaagatggg gggcaccaca 480
tctgtagtga aaaactccca tgaagaggta gtgcagaccc ttgcaaactc tctctttcca 540
gcacagttca tgaatggcaa catccacatt ccagtggctg tgcaggctgt ggcaggcacg 600
taccagaata cggctcaaac tgtccatata tgggaccccc aacagcagcc gcagcagcaa 660
actccccagg aacagacacc accaccacag cagcagcagc agcaactcca agttacttgt 720
tcagctcaaa ctgtccaggt tgctgaagtt gaaccacagt cacagccaca gccttccccca 780
gaacttctgc ttccaaattc tttgaagcca gaagaagggc ttgaagtatg gaaaaactgg 840

```

gccagacca	agaatgctga	actagagaag	gatgctcaga	acagattggc	acccattggg	900
aggcgccaac	tgctgcgatt	ccaggaagat	ctcatctcct	ctgctgtggc	agagttgaat	960
tatgggctct	gtctaatagac	acgggaagct	cgaaatggag	aaggtgaacc	ctatgaccca	1020
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gatgacattt	tctccgatct	ttattatggt	cggttcacgg	agtggctaca	tgaagtctctg	1140
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ctcatgttct	ttaataccaa	gtacttccta	ttgaagacag	tggaaccagca	catgaagctg	1320
gccttctcca	aggtcttgcg	acagacaaaag	aagaaccctt	ctaataccaa	ggataaaaagc	1380
acgagtatcc	ggtacttgaa	ggcccttgga	atacaccaga	ctggccagaa	agttacagat	1440
gacatgtatg	cagaacagac	ggaaaatcca	gagaatccat	tgagatgtcc	catcaagctc	1500
tatgatttct	acctcttcaa	atgccccag	agtgtgaaag	gccggaatga	caccttttac	1560
ctgacacctg	agccagtggg	ggcccccaac	agcccaatct	ggtactcagt	ccagcctatc	1620
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gccatcgag	tgccaatgc	aagcactatg	cactgagatg	ccttggccat	ggcacaagag	1740
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ttttagatgt	aaaagtaaaa	actttaccat	gccttttttt	tttttttggt	ggcctaacat	2340
tgaggcctta	aaacctgagg	ctcctgtgcc	tgatggaatt	cttgtaacat	acacttgtgt	2400
atcatataaa	gataccactc	tgtttctctt	atgtattctt	actctagtgt	tttattaaga	2460
atgacaagca	cgtcttttca	aaaaaaaaaa	aa			2492

<210> 2998
 <211> 1459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (30)...(301)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2998	
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gggactacag	gcatgcgcca
tttcaccatg	tctcaaactc
ctgggattat	aggcgtgagc
aatctaattg	aaaggagagt
ccttcatgaa	ggcttgccac
agaaggcttt	ctggcagctg
acccttagtc	cccttcctgt
gtttgttgcc	caggctggag
agttctcgtg	ccgcagcctc
ctaatttttt	tatttttagt
gcgatccacc	cacctcagcg
ggcctatgag	tggtctttta
tggttggaag	ctgggcagtg
cccagttttac	tggggtgtct
gcctcccttc	ccgccggcca
ggctgctggt	ctgagaacat
120	
180	
240	
300	
360	
420	
480	
540	

tagaactggg	aagagagatg	gagtcacatg	gatttttggg	gggcattatt	ctaaactttc	600
gtatccaagt	tagtccccct	tattccactg	tggcattgcc	gttctaagca	gttacctgat	660
gcctgctgct	gaagagctgc	tcacaggagg	cggcggcggc	cctggcactg	ccccttgcac	720
taggtcttgt	gtttgatgtg	ttcttgtgaa	tttactttgt	cagaacaaaa	tatttacgcg	780
ttgggttcag	gaatttcttt	tagctcccca	tctggctgtg	aaattcagga	aacctcccgt	840
tgcctagtaa	tcaccccatg	taggtgtaca	ttgtgacaaa	gtgcatctga	ccactaaggg	900
gcccccttgg	tgaccccgag	acattcacag	cagtgttaga	atggcctgca	ttttggagat	960
gctggctggc	ctttcagtgc	ctcccaggaa	gacacatggc	ctttccctct	tcagatgcct	1020
gaagggagtg	ctttgaggca	ggtgatgtgc	tgggagtggt	ggcggcctcc	ctctggcccc	1080
ggggccctct	gtggaccttg	gctccctccg	tggacctggg	cttcgtgggt	agcactgcag	1140
cctccctggg	cattccctcc	agcgccagca	ccactgcaac	atatagacct	gagtgtctatt	1200
gtattttggc	ttggtgtgta	tgctcttcat	tgtgtaaaat	tgctgttctt	ttgacaattt	1260
aagtgattgt	tttgtttact	gtaagtttga	aaataaaaaat	gaagaaaaaa	attccaatga	1320
ctgtgctgtg	gttgaggact	ttattttacca	agatgtttac	tcttcctttc	cccttccatt	1380
ttgaggagct	gtgtcactcc	tcctcccccc	cagtgccttg	tagtctctcc	tatgtcataa	1440
taaagctaca	ttttctctg					1459

<210> 2999
 <211> 2852
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2855)...(2359)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2999	
ctacgagtag	gtcggcgccc
gaccgcccga	gttctcgagc
gctccggggc	ccgcaatggc
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accaccgata	gccctgccac
aaggacaacg	gcagcctggc
cacaccccg	tggtgcttac
gtcggccacg	tgcccgggga
atgtgccagc	ctgtggccag
gaccttggtg	tcacccagaa
gtcctgaaag	tctccttcc
ctctacagct	gggacttcgg
tataactatt	ccatcatcgg
gaggtggagc	cggatgccac
ctgaagctgc	aggaaaccct
ttccaaaaga	tgaccgtgac
cgtctcaagc	ctgagtgcct
agcacagcgt	acaacctgac
cgggcccaga	atatcatcag
agaatccagc	cggctgtctt
ttcatcatgt	acatgaccct
gcacctcccc	gcaccgcccc
gtccgcccc	cgctgcgcgc
gtccgcccc	cgcttctccc
tcggccgcat	cctctggcctt
gcctgtatga	actcaatctc
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tcagctccac	catccgtggt
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gccaccctgt	gtccgtggcc
gggactactg	cttcagcatc
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cagatgatca	gctctgtatc	tggttaagtc	ggttctggg	atgccctcg	cactagagct	2040
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tctactcggg	aggctgaggc	aggagaatgg	cgtgaaccg	ggaggtggag	gttgacgtga	2820
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```
<210> 3000
<211> 2028
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(2029)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (1802)...(1098)
<223> similar to gi5420387 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

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gaggagcaat	tttcagcaaa	tctgacaaac	agcaagagtc	attcctattt	tgggtttgaa		180
aagagaaatg	ggaaattttcc	aaggacggcc	ccctcctcc	ctctcactcc	agtggaccct		240
ctggaacatc	aatttggtcaa	agggcctgaq	gtaqaaaagg	aggtattaac	aatatcaggc		300

```

actcattctt cccctcttat gaaagggatg aatttttagg aaccgttttc catcatttat 360
tatactgatg tgccatccat ctgcatcatt aggttcagta gttaccatga caatatgatg 420
cctacagcaa tctaacttga tagccacatg ccagaatgtg aaaaaatagg accagctaag 480
aaagtgagag aaatataatt aatctgagcc acattcaaaa aaatgtgcac aaaactagga 540
ccaagagggg aactgctgaa atatcattga agaggaaaatt ataaagggca gcaataatca 600
agtttcagta taaaaacttt tgctaaatag agccatgtat tgggtctatta ctaagacagg 660
aagtagtcaa agttggtcta gaatatgtt ctgagcccct gcccctcccc ctgcttccca 720
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tctgctatta gaccagact ttccacctga tgaataaatt tccatcattg tgaagttaat 900
cctaagagac tgaattgtgc tgtgtcttga gagatcctgt cctcttgccct tctaagtgcc 960
cgggtggagg atcgggctag caaaaacctc ttgaggggtcc caatatggta gagaggggct 1020
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tgtttattct cagcatggct ggggtgggata gcgacgctga gctaggcgat ttggccgatt 1140
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ttttaaggca ggtggaggaa gaagaacacc aggggttgag cagagctcaa aggaaacact 1260
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tgcgttcttg gtgggcttcg atcgaaacca gctgaaccag ccaaaccctg agctctttgt 1560
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agcctcatca gaggactcct tctcatcctc cttggctgaa ctggcggaac tctcagaaat 1680
acttcgtgct ctagcagcca atggtgtctg tggtttgga atgacctctt ggccatcagg 1740
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ttcctcccag actgttcctc cagtggcctc tgtcactgcc acgctgctgc cagtccctgg 1860
tagatgggtc tcaggcactg agtaaaaagg cctcgtgtgc cctgtctgcc ctgcaccccc 1920
tctgttggtg taggagcccg gctggagggg aaagggcccc tgtggtctgg gctggagcag 1980
gcaggtctga tcaggtgtca gccacagagc tgagcgccca cgcgtccg 2028

```

```

<210> 3001
<211> 1697
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1698)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (1685)...(489)
<223> similar to gi2317934 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3001
ggctgctggg tgtcctggca ggcacgtcct gtgggggtcag cacgccggct gcagcgaggg 60
gtgggcctga gatcgggtgc cgggcccccc atctccacct gtctggacac gcacccctgg 120
cctgtccttg cagcttcctc ccgacatccc ttggcggtgt ctgtgtctcg gccccagccc 180

```


cagccctcct	ttcctggggc	accctcccag	ccatctggta	ttggggctgc	ccccattgcc	240
tagtcctggg	cccagggcca	gccactctg	ggctggcttt	acttgtctgt	tcctaattggc	300
agggcgctccc	aggaacagcc	ccataagagc	tggtagaaac	aggagggagt	ccttgctcagc	360
aggcatcttc	gagctttttg	ttttgttttg	taaaaagcgg	ttaaccagca	agttacataa	420
aagcttatttt	gttccccactg	aattttccac	acctcacacg	tgagtcccag	ccatgcagtg	480
cttgtgaggg	agcatcaccc	cttgccgcct	ggctggggcgg	ggccctgggc	tcagaggggt	540
cagccacaga	ggaagcgct	gtcctgacgt	gtagcggcca	ggacctgggc	gctggagagg	600
ggccagctgg	gtgaagacgg	ctcccggggg	cactggcgca	cacgaggtgg	ggtctctgtc	660
cagcctgggt	aggcatgagc	tgagctcgag	tgagggccct	gcctgcccac	agcacggggc	720
cccagcgctc	taaccgggcc	atttgcccgt	gcagcctgtt	gcgctgtccc	cacctgcggg	780
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taggaggcaa	ctgcaggtgg	ggaggggctg	gacaggtctg	ttctgttcct	taagggatgg	1140
gcctcagcta	agcagcgctt	ctggagctgg	caggttgctc	cgatgcccct	gggcccctggc	1200
acctgactga	gttgagtatg	acgtcctgtc	ctctctgagc	tggtcctgct	gggagccgag	1260
ccatcctggg	accagctccc	acatgcacac	gcccacacct	acacgcaggg	cagtggggaa	1320
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tggaccccg	ttcttgggcc	aactcccgc	gtgccccttg	ggctcctcac	cctgcactgt	1440
gggaagtcat	aggcctctgg	caccccatcc	ccaagcacat	gccaaagtgg	ctggggccca	1500
cccagggcag	agggtggtga	cctgtttctg	gccggggctg	gcggctctct	cagagcctta	1560
agaaaaagcc	cggcctcctg	gtggggcagt	gccggccaca	gcgaggctgc	cctgcagagg	1620
ggcttggtgcc	gctgctggac	tgacagcctt	gcgaggcttt	gcttgccctg	gcacggcagg	1680
caagtgggtg	gacagcg					1697

<210> 3002
 <211> 1132
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(672)
 <223> similar to gi3183977 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3002						
ctgtttgggg	aacctacat	ctttgaagaa	cttctgagct	tgaagatccg	catctctcca	60
gatgcctttt	tccagattaa	cacagctggg	gcagagatgc	tgtatcggac	tgtgggggag	120
ctgactggag	tgaactctga	caccatcctt	tcttgacatc	tgctgtggaa	ctggtgtgat	180
tggcttctct	ctggctcagc	atacatctcg	ggctccttga	tttgaattgt	tggagcaggc	240
agtggaggat	gcaagatgga	ctgcagcctt	caatggcatc	accaactctg	aatttcatac	300
tggtaagca	gagaagattt	tgccagggct	gctaaagtca	aaggaagatg	gacagtcaat	360
tgttgctgtg	gtgaaccag	cccgtgccgg	actgcattac	aaggtgattc	aagccattcg	420
aaacttcagg	gccatccaca	cgctagtttt	tgtttcctgc	aagctccatg	gtgaatccac	480
taggaatgtc	attgagctgt	gctgtcctcc	agaccctgct	aagaagctct	taggcgagcc	540
ctttgtcctg	cagcaagctg	tacctgtgga	tttgttcctt	cacacccac	attgtgagct	600
ggtgtcctc	tttactcgat	aagcagcctc	ctagaagaca	gcaggctatt	tgttaaggct	660

gaagtttcag	aaacttttcag	gtttggcata	ttgctacatt	gcagaccctg	ggagcattac	720
agtggaaacc	aatcttttgg	ttgtgaatag	gaagaatcta	ttaggcctct	ggtctgaggc	780
agattttttt	tttgagatag	agtctcactc	ttgcccaggc	tggagtgtcg	tggcgtgatc	840
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gtagctagga	ttaaagggtgc	gtgccaccat	gcccggctaa	tttttgtatt	tttggtagag	960
acagggtttc	accatgttgg	ccaggctggg	ctcaaaactcc	tgacctcaag	tgatccaccc	1020
gcttcggcct	ctcaaaagtgc	tgggattata	ggcgtgagcc	accacacccc	gccgcggctg	1080
acttaacctt	agattttcaga	ttcccttttca	atcatgcccg	tttgcttggg	ct	1132

<210> 3003

<211> 2433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1350)

<223> similar to gi3892150 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3003

aattgacccg	cgctgctgga	attccgtacg	aggcttatgg	acctcggcca	gctcagaggg	60
gtgcccgc	atccaggtcca	cgtataaaga	gtcggatcac	tgctcactgg	tgatgccttt	120
acacatgtgt	gactggggaga	aaggacagga	agattttattg	tacagaccta	agaaaccctg	180
acattcgggt	gctaatttgt	gaagaaaaag	caccagttct	caagatggag	cttgatagat	240
cagctgatcc	tcctcctgca	atttggttg	caacaactaa	gtctacagta	aataaatgga	300
ctttgaaagg	aattcataat	tttagagcct	ctggagatta	tgacaatgac	tgtacaaatc	360
ctataacacc	tctttgtaca	caacctgacc	aggttattaa	aggggggtgct	agtattattc	420
agtgccacat	tcttaatgat	aagagacata	tattaaccaa	agataccaat	aataatgtgg	480
catattggga	tgtattgaag	gcatgtaaag	ttgaagatct	gggcaaagtg	gattttgaag	540
atgaaattaa	gaaaagattt	aaaatggtgt	atgtgccaaa	ttggttctca	gtagacttaa	600
aaacagggat	gttaactatt	actttggatg	aaagtgattg	ttttgctgcc	tgggtttctg	660
caaaagatgc	tggtttcagc	agccctgatg	ggtcagatcc	aaaattgaat	ttaggaggac	720
ttttactcca	agcactcctg	gaatattggc	ctagaacaca	tgtgaatcca	atggatgaag	780
aggaaaatga	agtaaaccat	gtaaatgggg	agcaggagaa	ccgagtgcag	aagggaatg	840
gatattttca	agtgccecca	catacacccg	tgatcttttg	tgaagctgga	ggtcgcacac	900
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cagtgccaca	atgggtaatt	gacatcactg	tggataaaaa	tatgcccaaa	ttcaacaaaa	1020
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gtggagacct	caccctccat	taccgtcaga	agtccactgt	aaggctgggc	taatgctcct	1380
ggatattcat	ttacgacctt	cctctatggc	cccaagagta	gtcctaggaa	gccactgat	1440
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gaagtgacta	atcgagatgt	aatatagaaa	ccagtctcca	tgtgtagatt	aagctgtccc	1560
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agaagactga	caacaggcca	gtgcagactt	tgcttctctc	ttttgtttca	aaggacctta	1680
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gttattttta	atgggaattt	gctgttgac	aatttgagaa	ccagcccatt	tcataataaa	1920
agattaatgt	tgggcttggt	gttaatat	catctcagat	gtgttctt	aggaagatct	1980
gttgaaattc	caggtgctgg	atcatagcac	ttggactgtt	gggccggagt	ttgtgcagcc	2040
catgcctagc	gatgctgcac	ctcccatgat	gtcctggctt	tgtggcaacc	ccagggaggt	2100
gcagcagttt	cactccttcc	tccactgtgt	ccagttttat	ttacacaaag	cgagctgaga	2160
ccacaggttc	ttgctctgga	tgagcagcat	gacaccatca	aaattttaaga	ccatgatgaa	2220
atttcagttt	cattcaaatg	ttacctaaaa	tttatgggtg	cagaataaag	ggagatcata	2280
gtgagttaat	ttgatattca	tatcctggaa	gtatacatat	ttgtttttcc	aaagttttat	2340
atgcaggttt	ttgttgtagc	tgtatccaga	tcttcttttc	actgttctaa	caatctaaca	2400
ctttcataga	atcatttgga	tcttggtcga	cgc			2433

```

<210> 3004
<211> 2227
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2228)...(332)
<223> similar to gil845577 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3004	
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tttggcaatg	aggaggtgtg
taaggtaggg	cagctttggg
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tttgttcacc	agaagatgtg
ctttggagct	gaggcgggca
gtcaaaggta	ctcacacggc
tggaagccag	ttcctcctgg
atttctcctc	atgcatgaca
tacgtgcctg	gtggagattg
agatgggagg	gggcttctgc
gctggcccag	gtggttagaa
agtggcagag	ctgagcccgg
gcagtccagt	ctcagtcac
cttgggtcact	attgtagaaa
attccccaca	gctgatggc
cggtcagcca	ggtcacagag
tgaagaatgt	ccacgtggct
tcggagacaa	gactactctg
atcaggagct	tgtagatagg
acctcagcaa	tcaagtgtcc
gagctccgga	cccaggtctt
agcagaggtg	ggggacatcc
cctccatcag	gctgaagctt
atgatgacat	taggcttgac
tattttaatca	tatatatttta
cagggatcgg	ggtgaggaag
ggatgccact	tccaaatgca
agcagctctg	gataccctga
aggaggacgg	aatactcaaa
aggcatctca	gatggtcacg
ctgcattccg	gacctcaatc
gggctcagga	ccagagaaat
tgccaaggaa	ctttgtgaag
ccactatata	cttctctgtc
ggccattagg	gatccaggag
ctgtgcatgt	gaagatgcac
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aggcctgcag	ctctagatca
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taaaaagaag	atttcacatc
gaatgatagg	tcaaacaagc
ccaggtcaaa	aattcccat
gtgctcacca	tggtgtagcg
tggtgtagcg	gaagtggggg
ggcaagcttc	tcattgtagc
tgtgactgta	actgctgcag
gggcatgagg	ggggatgcga
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ccacttcaaa	cagagatcca

gcctggagtt	ctttctccag	ctgggtcttc	aagtcttcca	tccctggagg	cagcaccagg	1560
caggctggga	gccttgaaga	acacctcagg	agcatggggg	ttgcaccatt	gagaaactgg	1620
tacccaaaga	aggcatcatt	cttccaagaa	tcataaaccc	gctcagccag	gacagtcttt	1680
ccatgtggga	atattttttt	gaaatcttcc	agccttttca	cacaatttat	gaaatccagt	1740
gtcccccttaa	tggccaagtc	cttcaaccct	tttgctaggg	agacattaaa	gtctaaatcc	1800
ttatcctcga	ggaatcgctc	gtccctagga	agggtccgggt	gcctattccc	tgctataggc	1860
aggattaacc	catctttcca	ggagccccac	cagtaccctc	aggcaggcag	ataattccgt	1920
ggccctgcac	ccagcggtag	caggggaaaa	aggccgcgcc	ttgggtcccc	gggccctgca	1980
ctgagatcca	cttgcagaac	cagtcgagac	tcaacagcac	gttgtgtttg	cgcagcttca	2040
ccatcaggag	gcgccccagg	tgcaggggga	cgtcgatctc	aaactctgcc	tcctttcccc	2100
acaccggtgg	cagctgcttc	cctaggtctg	cctccccgtg	ctcgcccacc	agccatagct	2160
gcaccagggt	gggagagccc	gccaggagca	aatccccggg	ggctacgcgg	accgtgtact	2220
tgcccat						2227

<210> 3005
 <211> 928
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (145)...(176)
 <223> similar to gill177607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3005		
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ttcatgactg	taaatgactc gcagttgaaa atacgcttat tgtttacata ggtgcttctc 180	
tacctacctc	caagttcttg aaatatattga aaatgtaaca aatctttaca ttctttctgt 240	
gaaaagaatc	tgtatgcaag ttgtaaatat ggatatatgg attagagaga taattcttca 300	
atggtgaaat	ctttatatgg tgtattgtca gtgtgaaaac attaatctgt gaagagattt 360	
ttaaatgcaa	ctaataataag ttggcctgtg agatgatctg aggtttcaaa tgaggggagaa 420	
aaaaatgaaa	cttgaaatta taatagatgt tatattttaac aaacttttaa aaatagcctg 480	
gtaaatatta	ttttcttaca aggaattagg accacaggat ctacacagtc gaacttcaac 540	
ttttatgtta	agagttttgt gatgaacttc aaaaacaata attctaagtg gaagacctat 600	
aaaggaattg	tgaataatga agaaaaggta agaggtaacc ctagaggcaa gagaactgag 660	
taggagaaca	ggcctctata tattttcatc aatgtgttta cattaaatat ctcatataata 720	
aaagacagtg	aggccaagca tgggtggttca tgccctgtaat ccccaagctt tgggaagcca 780	
aggcaggagg	atcattttgag accatcctgg gcaacatagc aagacccacc cactacaaaa 840	
aaaaattttt	aattacccaa atgtggtggt gcacacttgt agtcctagat acttgggaagg 900	
ctgaggcagg	aagatcactt gagcccag	928

<210> 3006
 <211> 1031
 <212> DNA

aaatgtaatt	actgttcaaa	gaccttggaa	aatataaacc	cttaaaataa	aaaagagtat	480
tctggagaca	aacattacaa	atataaagag	ggttgtaata	cctttacttg	ccctatataa	540
tgtacagatt	ttacactaga	agaaaactct	aaaggaatta	ctcaaacttg	tttggcatca	600
gagaatttat	gttgaaggaa	accgtacaaa	tgtaataagt	gtggaaaaac	atttggtcag	660
aaactacagc	ttacaaaaa	ccacacagtt	tataataaaa	aatatttttg	cagatggaat	720
acatatgtaa	aaatatttag	tcaaaattaa	gtctttgtaa	acttttagaaa	attcacggta	780
gggagaacta	aggcactggc	acttaagacg	ttacactaaa	tcagaatggt	ctgtaaagaa	840
agtaatccaa	agctaaaact	gttggataat	ttatttgtat	ataag		885

<210> 3008

<211> 1126

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(826)

<223> similar to gil850098 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3008

gtggcgccgg	gagcaaaagc	agcatgatgc	agctcatgca	cctggagtcc	ttttatgaaa	60
aaacctcctc	ctgggcttat	caaggaagat	gacactaagc	cagaagactg	cataccagat	120
gtaccaggca	atgaacatgc	cagggaattt	ctgggtcaca	caccaactaa	aggactttgg	180
atgccactgg	agaaagaagt	caaagttaag	cacttacttt	tcattggatt	gcttcataat	240
ttcttggtga	tggaaaattc	attcctaaag	caacaagatt	aaaggatggt	tgggtaagca	300
attagtttac	ctgtcttttc	tgggacctta	cacggttcat	ccatgattgc	atcttctttt	360
agaattggag	tttaatgaat	aaaaacttta	atataatcta	ctgattcttt	atctcactaa	420
ggtgaaacac	tcttatctta	cagaaatatt	tccccttttc	tttgctttta	ggttggcatt	480
gcaaattgta	cggtcaccga	acaggctaca	aagaatgcc	tttctttatc	aaagacaacc	540
aaaagttaca	acagttcaga	gtagcacatg	aggatttcat	gtatgacatc	atacgagaca	600
ataaacaaca	tgaagaagaat	gtaaggatac	agcagttaaa	acagttactg	gaggattcta	660
cctcaggtga	agataggagc	agctccagtt	cctctgaagg	taaagagaaa	cacaagaaaa	720
agaagaagaa	agaaaagcat	aagaaaagga	agaaagaaaa	gaaaaagaag	aaaaaacgga	780
agcacaaatc	ttccaagtca	aatgaggggt	ctgactcaga	gtgacaagga	tgtgacttgt	840
tcaacattct	cttctcaaac	actgaccaag	gaacagagga	agatgcagtc	agagaaagca	900
gcaggataga	gacgccgaga	gaggagtata	tgtgggtcac	agcagtgagc	tcccacccgc	960
cttgcaagtga	agatgtgacc	ccaggagagg	gagtgtctcc	ttccaggtgc	tagctctgga	1020
cagcagctga	ttttaggcag	gaaagtttct	tcacgttgtt	cctccctgct	ggtcacatga	1080
gtttacgatt	cctttgaagt	gtctcccaca	gggtggcagg	actggg		1126

<210> 3009

<211> 2225

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(2014)
 <223> similar to gi4589536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3009

gaagaaggag	gaggaggccc	gcgtcgctc	cggcggggct	cgcgctcgcc	ccgcgctcgc	60
cctccgcctc	gcccagagccc	cgggagggtg	aaacgccttc	tcccagcatg	cagcgggagg	120
agggatttaa	caccaagatg	gcggacggcc	cggatgagta	cgataccgaa	gcgggctgtg	180
tgccccttct	ccacccagag	gaaatcaaac	cccaaagcca	ttataacccat	ggatatgggtg	240
aacctcttgg	acggaaaact	catattgatg	attacagcac	atgggacata	gtcaaggcta	300
cacaatatgg	aatatatgaa	cgctgtcgag	aattgggtgga	agcaggttat	gatgtacggc	360
aaccggacaa	agaaaatgtt	accctcctcc	attgggctgc	catcaataac	agaatagatt	420
tagtcaaata	ctatatctcg	aaagggtgcta	ttgtggatca	acttggaggg	gacctgaatt	480
caactccatt	gcactgggccc	acaagacaag	gccatctatc	catggttgtg	caactaatga	540
aatatgggtg	agatccttca	ttaattgatg	gagaaggatg	tagctgtatt	catctggctg	600
ctcagttcgg	acatacctca	atagttgctt	atctcatagc	aaaaggacag	gatgtagata	660
tgatggatca	gaatggaatg	acgcctttta	tgtgggcagc	atatagaaca	catagtgtgg	720
atccaactag	attgctttta	acattcaatg	tttcagttaa	ccttgggtgac	aagtatcaca	780
aaaacactgc	tctgcattgg	gcagtgctag	cagggaatac	ccacagtcac	tagccttctt	840
ctggaagctg	gagctaattgt	tgatgccag	aatatcaagg	gcgaatcagc	gcctgatttg	900
gcaaaacaga	gaaaaattgt	gtggattatc	aaccacttac	aagaggcaag	gccagcaaaa	960
ggatatgaca	atccgtccct	ccctagaaaag	ctgaaagctg	ataaggaatt	tcggcagaaa	1020
gtaatgttag	gaactccttt	cctagttatt	tggctggttg	ggtttatagc	agacctaaat	1080
attgattcct	ggctcattaa	agggctaatt	tatggtggtg	tttgggctac	agtacagttt	1140
ctttcaaaat	cctttttcga	tcattcaatg	catagtgcac	tgccccttgg	gatataatttg	1200
gcaaccaaata	tctggatgta	tgtgacgtgg	ttcttctggg	tttggaatga	tctcaacttt	1260
ttatttatcc	atcttccatt	ccttgccaat	agtgttgac	ttttctacaa	ttttggaaaa	1320
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gttgaacttg	cagagacagg	aagtctggga	cctcagtata	ttctgcagta	cctgtttgat	1440
acggaaaacc	ggtgagggtc	caaacattgt	ggtgtgtggc	aaccgctggg	ataggcaaaa	1500
tttgatcatc	attgcccatg	gggtgggtaa	ctgtgtaggg	gcaggcaacc	atagatattt	1560
tatgggctac	ctattcttct	tgctttttat	gatctgctgg	atgatttatg	gttgtatatc	1620
ttactgggga	ctccactgtg	agaccactta	caccaaggat	ggattttgga	catacattac	1680
tcagattgcc	acgtgttcac	cttggatggt	ttggatgttc	ctgaacagtg	ttttccactt	1740
catgtgggtg	gctgtattac	tcatgtgtca	gatgtaccag	atatcatgtt	taggtattac	1800
tacaaatgaa	agaatgaatg	ccaggagata	caagcacttt	aaagtcacaa	caacgtctat	1860
tgaagccca	ttcaacccatg	gatgtgtaag	aaatattata	gacttctttg	aatttcgatg	1920
ctgtggcctc	tttcgtcctg	ttatcgtgga	ctggaccagg	cagtatacaa	tagaatatga	1980
ccaaatatca	ggatctgggt	accagctggg	gtagcgacat	cttatcctat	gaagcatatt	2040
gctgagtggg	gcctgaaaaat	tgtgtctgtc	cgtgtctttc	tcacactcga	atccacatcc	2100
tttgaacaag	agcatgctat	gtgtagggct	aatgggtgaat	tttacagtct	ttttttcaac	2160
acttttatta	acaaaagtaa	acatggacag	aacacactgc	catttctggg	aagagtaaaag	2220
atgat						2225

<210> 3010
 <211> 3289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3134)...(1463)
 <223> similar to gi2239126 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3010

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cagtgagcga	ggaagcggaa	gagcgcccaa	tacgcaaacc	gcctctcccc	gcgcgttggc	180
cgattcatta	atgcagctgg	cacgacaggt	ttcccgactg	gaaagcgggc	agtgagcgca	240
acgcaattaa	tgtgagttag	ctcactcatt	aggcacccca	ggctttacac	tttatgcttc	300
cggctcgtat	gttgtgtgga	attgtgagcg	gataacaatt	tcacacagga	aacagctatg	360
acatgattac	gaatttaata	cgactcacta	tagggaattt	ggccctcgag	gccaagaatt	420
cggcacgagg	tttttttttt	tttaagtggg	acaattaaaa	atttaaaaaa	taattttaaa	480
atagaacagc	ttagagatag	gaaacctaaa	tttatttccc	aattccttac	tgtgccccca	540
aaaccagggg	tcaccaaag	ggctgtcctc	ccaacaattt	tctgaattct	atatattcag	600
cattaaattc	catgataaag	ttggaaatcc	attcaccatt	tgtaatacat	attgatgcat	660
ttaataaaat	tgcatggggc	gtatcttttg	catttctgta	tcctagtatt	aagtacagtg	720
cctaccacag	gccagggttct	caatacttga	ataaatgaca	caaaaatagc	caggaccagc	780
aagttttttc	tgggtgggct	tcatagaatc	tctgtacttg	ctggaatcac	catgaaatcc	840
atggtcttca	gctttgcatt	ttcagcaaca	tagttatatt	gagttatcct	caggtgagca	900
gtgagaccct	tgggagcggg	ttcatggtag	ggtggctttg	taatgtgtca	ccttgggtgag	960
gctatgtttc	ccggaactct	cttccagtaa	gatgggccac	aagagacatt	ttgcttgata	1020
accggagggg	ggaagtgaag	cagcagcaca	ttgtttttac	acttgggaag	ttggtgctgg	1080
ggcaccaggg	gttgttgtag	ttcacacggt	gccatgtatc	tgctagatca	cctcgttggt	1140
gtgggcagta	gtcaggcctg	cagccaggcc	tgcagctgct	ccaccttccc	caggatcatc	1200
ctttcagctt	ctctaattcc	tgggccagat	gcataattta	ctctgtgagg	aagggcacca	1260
gcttcttctg	caggacaccc	acatcatcga	agctggaggt	ggtgagagac	tgacatgggt	1320
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ccacacttta	catccatctt	cccttcccga	gtgcctgccc	tgcagacttg	aatcctacag	1440
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aacccaactc	atgccagaac	actgggcytc	ctgcaacagg	gcttctgtgg	aagctgcaac	1860
agggcccggc	acctgcacag	gamtgcttgc	gcccttcccc	taaaaaacac	aaggttcagt	1920
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ggtctggttg	ggctgtgctg	gtagccaagg	tgggcttcaa	ggtaggggcca	agatggtgcc	2040
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cagactctga	ccagacactg	ggcagcagcc	gcttcatggc	aaactgcagg	cattggcgcc	2160
aacgacactt	ctggcgcttc	tgggtgtctg	ccccgaattt	gggcttgtcg	cagcagaagt	2220
cgcagcggcc	acatccattc	cgcgtaggc	aggctgcaca	ggccccgcac	ttgcggttct	2280
gccggcgggt	cgtgtagggc	tgtagctcgt	cctcgtctac	acagtaatag	atgaactcgg	2340
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gggggtggtg	aggcagtggc	tgggctccgg	ggcgccgcct	ggcagccatc	ttggagtcac	2460
agcctccctt	gcggcgggca	tgtttacccc	gtaggcaacg	tcgctggaca	catttccact	2520
ggcgcttgag	accaggggcg	ggagggcgaa	ggcagatggg	gcaatggcca	caatcytctt	2580
gggtctgaca	gccccggcat	actccacacc	ctcggctctt	aaacattctc	tgttccccgt	2640
tgaaggcaat	tctctgtgct	cgacagtctt	tgcacaacgt	tttgagccgc	tgctttgggg	2700
tgccatcccc	tgagaagctg	attccacagt	tctcacagca	cccaggagca	gggaatgaag	2760

09480715-013100


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ctggggctgt gtcagtgtca gccttgggtct catccctcgg ggccctccttc ctgacctcac 2820
cactctgggg tccaacctga cgtttccgag tcttggctgg ccttgaaggc ttctttcgct 2880
tcttgctggc aaccgccacg ggatgggcct tgggggctgg atagcacaag atgccttggt 2940
tgaagtcgaa gaggggtgaga tcacacgcag ggcccaggta tcgagtcagc tcaactttgc 3000
ttcggatcct gtctcctgtg gggctctggt aatagggtgc tgagcgtcca cagggtggccc 3060
ctgacttgcg aaagacttcg cggcgcttcc agccagggcc cagggccggg cagtccagcc 3120
agtcctcagc catggaggcc acaggaagca gcagtagcca gtttggcacc aggccgggtat 3180
cttccgccac tctaggcccg tggacccatg gcgagggtcc ctccctgcacc tcccgcctcg 3240
ccctcctccc ctctcctctc ctccgcggcc ggggggagta tcacacaaa 3289

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```

<210> 3011
<211> 3233
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(3234)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3233)...(1284)
<223> similar to gi517115 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3011
gcccttaaaa attttttttt tccctaaaaa cttaaaattc ttgagggggg ttggggccaaa 60
aagttccccc cccaaaaaaa gggtttcttc caaaaattcc caacgagggt ttaaaaaggc 120
cccccaaaa gaaaaaaaat aaatcttccc cccccgggtt aattttggcc ccccagggg 180
atctttaaaa gggccccccc tttttgtttt tttattatca tctttttggt ttttttttt 240
aaatattaaa acaataaatc tttattaaac agttttcacg gcattttaaa ataaatttaa 300
aaaataaata tttgcattat agcagaaagt cacatgtatt gcatcaactc actttttaca 360
tttaatggca tgagacaact aagcatcagc accataaaac tgttaagatt tgtttcttaa 420
attcaaggaa atagctctaa agcactgcag catcaataat tttgaaagct ataaccagt 480
gattggtgct catagtagcc aatgtttctt tttattactg ggcaactgtg ggagacagag 540
ttcttcagct actaaatatt aataagggtc tctgatcgac aatcccccat ctatcagtgt 600
gtcagggatt caciaaggaa aagggaactgc aggggtatgt aggtatatcc cctatctggt 660
tggttttagg tttgcacaaa gacacttatt ctacgaaaaa agaaaagata gtgtttccac 720
catggctacc ttttttttct ttttatagag tctcagagta agattttaaata cataattttt 780
aacctttaaa agtctgttca agttcaatta caaccataga aactgtactg gtatcagaac 840
ataactattt tattacaaa cttaacatta tttacaaaat gaaaaaataa tcaaatgact 900
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ccatgcactc acaccagatc atttctgaaa tatgcaaaact cttaaaattc atgttagtaa 1020
aactttaatg tattcataat acttgctatg tttattagaa gatggtcaaa aaaaatccat 1080
ggttctgtac aataatatta acagtttggt cattttctct taatatTTTT tggcttccat 1140
gaacactcgt agattgaaca ttctgcaagt aagaattata atagtacctc tgtcaccttg 1200
ctgaattcat caccacaaga aaaacacaaa tagtttaatg cttttgcact aaactgaata 1260
gttataactc caaagttata ttaaaactgaa gccttcattg tgatcaatag cttggatcag 1320
tttagagcgt agagtttctt tttctgtata ttttgaaga tccagaagat taaaacaagt 1380

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atgggaaact gggagatact cctcaccacc tctgtggac tggatgacta gtttcagact 1440
cttcatacca agaataaggaa tgcgatcact acctgtcaaa aataacagaa actgtttctt 1500
cttttccaat ggtaattcgt gaaatacttc ccaaaaaatt tttatcgtag gatgttctgc 1560
ccaatattcc cctttgtatt ctgtattctt ttccagttcc ttccaatcat aatttgtatt 1620
tccaatgacc attgcttgta gttcattagg ctgaaagagc agaaggactt ttcctccaca 1680
gaccttatga aagcccgcgt gaaaagcatc aaataaggaa gccactgatt tattgaatat 1740
gtaatccaca taagcatcga caaactcttg cggattttgt ttgttaacag ctgtgtctgc 1800
accatttaga accagctctt tcaattctgt tgcaccaaag ttttcaactg tgatcgtaaa 1860
attaagacaa aatgtttcct ctatgtcatc ttctggataa tccagtaact gttgcatgct 1920
tctcccaaca tcaggcatta gttctttcaa atcatccaag gatggcttct ttttcagtag 1980
tttcttatat aaagccaaag gaaaatggag gtccacaatg gtacaattat aaattgctaa 2040
gccacagata ccaccaatca aatggaacaa atctctgtct tcaaatgtct tatcagaaaa 2100
ccaaatgagc ctggaatctt cataatacct aaacatgccg tatttaggat ccaataattc 2160
cctcatgatg agcaagaaaa attctttgcg caccctcct gcattccacag catcttctcc 2220
aacaatatata accttgagtg gcttcttgta atctatgttc tttgttttcc taaggacttc 2280
cattgcatct cctacaatat tttctctacg caccactaga attaagcagg gattcacaga 2340
ttcaatcact gggagaaaaa gagaggagac attctgcctg tgggcctgat caatagccat 2400
ctgcatctgt aagactgcat cggctctgta cagagtagtt tttgcttggg catcaaatac 2460
aaatggatat gtacagattg taacagggat atctgccaac attccatagg cctgctgttg 2520
gacccagttg atataatcat ttcttatgtc tatcaattct tgtacttcat gtatataaaa 2580
tttatcatat tgtataatct gtcccatttt ctcatttacc ctatgtagta tttctaaaac 2640
ctttaatgca gtatgaagaa aactgttgaa aattcttctt tcagaagggg gaataccgat 2700
cttgtagagt ttcaaaagat gtaccacaac ttcttaaaa agttctacta tcttgaggaa 2760
tagtgagggt tcaagtactg accaccagtt ttcaagtact ttcaggggtg ccttttctag 2820
gttcacaaga gctgtaccaaa aggggaattgc tattgctgag aaattgggtg aatcactcat 2880
caggggacat tctggtagag taagataaaa cctcaatgcc tcaacatcag gtaaggagct 2940
agtcagttta ggaaataaga ttcttttcca aactaagctg ccacctgctg agatatctgc 3000
ggatgatcag gttgtataag tttgtggaat aaaagcctag cagcattcat atcaaccctt 3060
naaaatctgg tacctgttct atagtgatca tcattgctaa cagctnaaaa acttccattt 3120
aggcaaccag aggaagaaaa cgttccatct atctcattgg ctatctccac aggaaacctt 3180
ccagnaggat agctcagcca tttctgaatt agagcttcat tcaactgtcca gat 3233

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```

<210> 3012
<211> 680
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (682)...(484)
<223> similar to gi3041881 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3012
tttttttttt ttttaacttc tgaaaaatat ttattcttgt ttgatgaaag caacgtttct 60
cagcaatgca ttttaaaaaa tatttttagcc ggtaaattaa aaagggccca taatgtaccc 120
ctggcagact tcagcatata ccaaatttta aattttaaatt agcttgaatt cagtggggta 180
tacaaatcaa tcatttttagt tgttttaggg ctttttattg aataggaaaa aatataaaca 240
atgttgtagg agtaatgaga aatcctccca cactggaaaa aaaactaggt agttttaatt 300
tttttgggga tcatattttc tgagggtgta actggctttc attagatgat catacttttc 360

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ctgacatttt tacaatgtat tctttcttta aatataaaaa cctgacaagg ataaatatag 420
tgtttcaact tcttaggcct atttgtggat ttttctgttt tcctctgacc catcattgga 480
ttctataaaa aagtgccggg gccaaaggaaa caatagttag gaggtaatc ttcctttagg 540
gtcctttcag cagtcttgcc aagcaagcat gtatcattcc tgatgtactt ctaccagttg 600
acagcaagaa gaatatcacc acatctaatt cttccatcat tgtattgctg tgttccttca 660
caatggattt gatgaaaaaa 680

```

```

<210> 3013
<211> 4280
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(4281)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(2452)
<223> similar to gi5262678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3013
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cttgagtggt agaggtattg ccaagtgact cagaggcccc agacctaaag caggaggagc 180
gtctgcaaga actggagagc tgttctggac tgggtagcac atctgatgat acggatgtca 240
gggaggtcag tccccgcccc agcacaccag gcctcagtg tgtgtccggc ataagtgcaa 300
cctctgagga tattcccaat aagattgaag acctgagatc tgagtgcagc tctgattttg 360
ggggtaaaga ttctgtcact agtccagaca tggatgaaat aactcacgat tttctttata 420
tacttcagcc aaaacaacat tttcaacaca ttgaagcaga agcagacatg agaatccagc 480
tgtcttctag tgcccaccag ctgacctctc ctcccttctca gtcagagtct ctgctggcca 540
tgtttgatcc actgtcttca catgaagggg cttctgctgt ggtaaggcca aaggttcact 600
atgctaggcc atgcgcatcca ccaccagatc ccccaatcct ggaaggagct gtgggaggaa 660
atgaggccag gttgccaaac tttgggttccc ccatgtttta actcccagct gaaatggagg 720
cattcaagca aaggcattcc ttacccttga gagactagtt cgaagcagga gctctgaata 780
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cattcatcat cttcatcccc gagtaaggac tcctcaagag gagagactga agaacgcaaa 960
gatagcgatg atgagaaatc agacaggaac agaccttggt ggagaaaacg ttttgtttca 1020
gccatgccta aagctcctat accattttaga aagaaagaaa aacaagaaaa agacaaagat 1080
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aacaaggaat ggtttaccag accacacaga cccagaagac aatgaaattg tatgcttctt 1500
aaaagttcaa atagctgaag caattaattt acaagataag aatctaattg ctcaacttca 1560

```

agaaacaatg	cgctgtgtgt	gccgttttga	taataggact	tgtaggaaac	tgctggcttc	1620
gattgctgag	gactacagaa	aaagagcccc	atatattgct	tatctcactc	gttgctcgaca	1680
aggactacag	accacacagg	ctcacctgga	aaggctattg	caaagagttt	tgcgggacaa	1740
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aaagaagatc	agggaattca	ttcaagactt	tcagaaactc	accgcagctg	acgataaaac	1860
tgctcaggta	gaagattttc	tgcagtttct	ttatggtgca	atggcccagg	atgtcatatg	1920
gcaaaacgcg	agtgaagaac	agcttcaaga	tgcacagctg	gccattgagc	gaagcgtgat	1980
gaaccggatt	ttcaagctcg	ccttctaccc	taatcaagat	ggggacatac	ttcgcgacca	2040
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gcagttcaca	gcagcagtag	aattcattaa	aaccatcgat	gaccgaaagt	gaccaagacc	2460
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ccctctttta	agatgctgtc	ttacattaat	gagcatctaa	tggaaagaag	gtatgagttg	2880
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tgaaagctaa	gaaggaaatg	taaatataat	atatatttat	atttgatgta	atatggacat	3000
ctgcagattc	taataaacia	ggactattgc	tgatagtagg	ctgtgacata	ctgtcttgtg	3060
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gaaatattta	ttaaaatgta	atacagttta	ttgaactttc	taggtatgga	gtttgatgga	3180
cagggtctgcc	tttaatgagt	gtgaagggtca	ctaagtcact	tagacatctc	accgtggaag	3240
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gatagctcat	actttatggt	ggttcttctc	ctccgaaata	atatactgca	gaaatcccag	3360
acagagctcc	ttacaaacct	tttaattgtaa	tatatatttg	atgattattc	acattgaatg	3420
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tgaaaaattg	gccatggagg	cacaccaaag	cttcaagcac	aagtcttgta	catggggccat	3720
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cagccccata	cttgagtccc	ttgttgtttg	gagcatttcc	aggcatcttt	taagggaact	3840
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tggtcactg	caacctccac	ctcccagttc	aagtgatcc	cctgcctcag	cctcccaggt	4080
agctagggac	tacaggcgca	tgtcacccaa	gcccggctaa	atttttgtat	tttttagtagg	4140
aaacgggggt	tttcaccatg	ttggggccagg	gtggatcctc	aatctcctga	acctcgtgga	4200
tccaccgcgc	ttngggcttc	ccaaagtgcc	gggatttaca	agcgtggaac	cacctgnccc	4260
agccagaaat	taggattttt					4280

<210> 3014

<211> 1195

<212> DNA

<213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(1196)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1034)...(414)
<223> similar to gi3170539 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3014
tttttttttg agacggagtt tcactcttgt tgcccaggct ggagtgcagt ggcgtgatct      60
cggtcactg caacctccgc ctctcagggt cagggtgattc tcctgcctca gcctcccaag     120
tagctgggac tacaggtgcc tgccaccact cctggctaata tttttgtatt tttagtagag     180
acgaagtttc actatattgg ccaggctgct ggtctcgaaac tcctgacctc gtgatctgcc     240
cgctcgggcc tcccaaagtg ctgggattac aggcattgagc caccacgccc agccctgca      300
agcagtttct ttaactctgt tgggatgcca ttctgtgggca aagctagatt tgggacaagt     360
tgcccagctc tgctaggaag agtcagtcct cagggggaag tttcttttca cctccgggat     420
ccccagggtc tcctgggttg actcaggact tcatacgagc cctggatctc caggaagtgc     480
ctctgtgcct cctctgtctg gtccagggtg tgggtctgggt gccagacctt cactagctcc     540
tggttaactcc gatgtatttc ttcatctgtt gccccttctg agaggcccaa aacctggtaa     600
gccagctgac gcttctcatc ctgaaaactg tgaacaaact catagagctt cgccactcc      660
tgaaagcagc tgctgttgaa gccagtctcc cccatcagta gcctccagat ccggtaaggc     720
agaaggagga caaactccat gaggcggcca agaaggggga agaagctgaa ccaattcaag     780
aaggagccaa aggtttctgc cacatagctg aggttgagc ctgtgttgca gagggcactg     840
tatgccagtg ggcctgtgaa agcaaggtaa gccaagccca gacgatagag ccgcacactg     900
agcggctctg atgccaccaa agctttgtag cggcgatgcc tctgagctgt aatgctggcg     960
gccacgctaa tgggcagtat ggctatgggg cgcccataga agataggtga agtgagaaat    1020
gctgacccca gagtgttctt aaagtctgag gtctgggtgc caacagcagc caccagcaag    1080
accctaagc caactgccag tgggagggcc acaatataga agttgacctt ggaagaaagg    1140
cgaattccac cacatggact agggatctcg accncntgga ctagggactc aaacc      1195

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<210> 3015
<211> 793
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(794)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (39)...(699)
<223> similar to gi2662600 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3015
cagctacaaa atttggtttt tacccaaact agaaaaatca gggaacccca gactcaggcc 60
cagtagagac cccaaagaag cagagaaggg tcagttcact gaggggccac acctgcccc 120
gggccaggcc actgtccatc ctggtgccac caccaccctg ctggcctggc ccccccaac 180
cagacagcag tccccaccca gcccagcacc ggtaaccctg agaatagggg ccaatcaaca 240
ggggggccag gagcccccaa ggtgcagggt gcaactgaggg ccccaaccggc cctgctgaac 300
acaggcctga caccacctct ctccctcaag gccaccgacg ctcttggggag gcagtcagtg 360
ccgtctccct gcgtcactgg cagaagactg aggctcagag gggcagagtg acctgccttg 420
accaccacag cacgtctatg ccggagcacc aggctgcccc agcggtcctt cccggccttt 480
tgcagcccca tcgccacccc acatggaaca tggctggggg ggactgcagg gatggagctg 540
gggcaggaca cagccctagg agcacctgcc tggcgccagc ttttgctgac ggcagcccaa 600
cagccccag ccacgtggca aagcgggtcc ccacgcagcc ctggctgcag ctgctccagg 660
ggtggcctga gacttctcaa agaagatgct gtgcccggtc ccccggaacc cctacttggc 720
cggacgccgc tgatggtgcc ggacgcgggg tcgcacggga attcgtgccg gtntnaaggg 780
tatcaggncc cgc 793

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```

<210> 3016
<211> 1407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (77)...(800)
<223> similar to gi330442 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3016
tttttttttt ttcttgccaa tttttctatt tttagggggg agagacgggg tttcaccatg 60
ttgccagcgc ttctcccgcc cagggttttc caaagtactg ggattacagg catgaaccgc 120
cgcacacacc acttgtatct cctatgcccg tgtcaagcag cagcagggcg gtgggaacgg 180
ctgcacctgc actgtggcag ctgcagggcc tccctgacgt ccaggcggag gctttctcaa 240
gtgtgggtgc cttgggtccg acccaggacc ccctccccag ctcccgtcct gtggaggaga 300
ccccaccatg ctccctcacc accggctgga gatgtcctga cccctgccc actgcgcctt 360
aacattactg actctaaacc agaaccaggt gccaccctg tccctaccgt cctcacccca 420
cggcattctg agtgaggggac gcccaggccc acccactccc tggactcact tctgtcccc 480
cgagagacct tgcccgggac atgtaccac ctatgccctc tactgcccac ctgagccctg 540
tgggacccag tggtgaggag gggagtcctc acggccagcc aaggacagga tggtgacgag 600
gggcagggga acgaggggca ccaggccttg gctcatgatg cctccaaatt cccaggggcc 660
tccccagagc ctggacaccg ctgcatggca ggggtgggtg agcctgcccag ccacatgtcc 720
tctgccccac cctcgcctgg aaatgcctgt cccgatatgg cccacgggtc ctgccgttgc 780
ccctcaccat gctccctgat gtgtccaggc tggcctgggg gtcgtgctac ctgaggcggc 840
agagctgagc caaggctccag gaccagtttc aagagggtgg gccaggctcc tctgagtcca 900
tttctagggc agcccctgca cccttgccgt gctggactcg gtggggacgt ctgggtggct 960
ctctgcaggt gacacacgtg ctgtggctgg ccagggtggg ggcagggtatg tgggggtgga 1020
gctctcagct ctatcactgc caggccctgg ggtgatgctg ggcagagctg tccctgcgag 1080
ggccctcgga atccaggagt tgggcgattc cgggatgggt ccagagcttc caaaccaca 1140
tccagcccag gatgtgagaa gcagcccata aaggcctgag ccaggctgtc ctggtggggc 1200
aggtagctg tgccccgcct gccagctga caggaggcag ccagcggatg cccgggtggg 1260

```

aggggctcga	gctctcaggg	tgtccccag	ctaggactca	tccagggcag	ggacccctca	1320
tgggaggatg	gggagtcaca	tggtgcccag	gacccccgac	tgaggactgc	agcagacccg	1380
tcacagcaaa	cggagtggag	gcctgtt				1407

<210> 3017
 <211> 3013
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (410)...(1617)
 <223> similar to gi3043548 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3017					
tccttcttgt	cctggtcgtt	gttcccgtct	gagtaccagc	tccccactgc	cctgagggcg	60
ggccggcctg	cggcggaggg	aaaaaggaag	aggagaagga	aattgtcccg	aatccctgca	120
gtgggtccaa	gcctctcccg	ggtggccagt	ctttctgtag	gttgcggcac	aacgccaggc	180
aaaagaagag	gaaggaattt	aatcctaate	ggtggaggtc	gatttgaggg	tctgctgtag	240
caggtggctc	cgcttgaagc	gagggaggaa	gtttcctccg	atcagtagag	attggaaaga	300
ttgttgggag	tggcacacca	ctagggaaaa	gaagaagggg	cgaactgctt	gtcttgagga	360
ggtcaacccc	cagaatcagc	tcttgtggcc	ttgaagtggc	tgaagacgat	caccctccac	420
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aaacagaaca	aggaaaaaat	ggctgagggg	ggatctgggg	atgtggatga	tgctggggac	660
tgttctgggg	ccaggtataa	tgactggtct	gatgatgatg	atgacagcaa	tgagagcaag	720
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gccagggcaa	gggccagggc	taccggggca	cgctgggctg	tccagaaacg	ggcttcccc	840
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tatgcattta	acagagatat	tattcgtgat	ctgggtggtc	tcccaattgt	cgcaaagatt	1020
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gtgaatgctg	aaaatcagcg	caggcttaaa	gtatacatga	atcaagtgtg	tgatgacaca	1140
atcacttctc	gcttgaactc	atctgtgcag	cttgettgac	tgagattgct	tacaaatatg	1200
actgttacta	atgagtatca	gcacatgctt	gctaattcca	tttctgactt	ttttcgttta	1260
ttttcagcgg	gaaatgaaga	aaccaaactt	caggttctga	aactcctttt	gaatttggt	1320
gaaaatccag	ccatgactag	ggaactgctc	agggcccaag	taccatcttc	actggggctc	1380
cctctttaat	aagaaggaga	acaaagaagt	tattcttaaa	cttctggtca	tatttgagaa	1440
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agttttgaat	aatgaatatc	atattgtatc	atcaatgctg	atattttaact	gagttggtct	1800
ttaggtttta	gatggataaa	tgaatatcac	tacttgttct	gaaaacatgt	ttgttgcttt	1860
ttatctcgct	gcctagattg	aaatatattg	ctatttcttc	tgcataagtg	acagtgaacc	1920
aattcatcat	gagtaagctc	ccttctgtca	ttttcattga	tttaatttgt	gtatcatcaa	1980
taaaattgta	tgtaaatgct	ggaaagaaaa	aaagaagaaa	gaaagaaacc	atccctgtcc	2040

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ctgaagcatg	tactcattgt	cagatgttcc	ctctgaggag	gcacagaggg	agggcaaaaag	2160
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gtgagaaaag	gcatggaagt	aggaaccctc	ttcctatgac	aggagatcat	tctgcttaga	2340
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aaataattgg	ggtccatatg	aaagtctcta	ttactgagta	gtgtcaatga	gggtgtggca	2520
aaatggagcc	tttcacatcc	tagtggtggc	catttggtta	tacagatata	agccttaaac	2580
tatgtaaacc	cttgccttaa	ggaagtaatt	gaataattgc	ccaaagattg	tatgtatgag	2640
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taaaaggaca	ctaaaaactg	gagttataga	tatccagata	gaaacagtag	ttatctttgg	2940
gtagaagaat	aatgagtgat	ctttactttt	ttacttttta	ttcatctttg	tgtttttatt	3000
tatctaaaat	ggg					3013

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<210> 3018
<211> 1063
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1064)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1028)...(291)
<223> similar to gi4850182 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3018						
cctttttttt	ttttttaaaa	caaaatacat	tattttat	caattccatg	attttaaaat	60
gcttttttatt	tttttctttt	tgcccctttt	acaggggaga	cgtaaagctg	tcccagttat	120
caaaaaattc	aaatctcctt	ttcttctgtg	gactggctgt	caatgagctt	tcatccaggg	180
tgtctcccat	gttctgggaa	ctacttccag	atgttcctga	agcacttcct	gggtcaaagg	240
actctgctgc	ttccaggagc	tccatatcac	ttccttcttt	ctcaaaggac	ttctggaata	300
gggtcgtagat	cttctgctgc	tttgggtcct	tgtagaggta	atcagtggat	tctgtcat	360
ctgaaaaaatt	gggtctcagaa	agcccggctt	ctgccagaac	tttaatcttc	tcttgaatca	420
ggggccaaaag	gtagtcatca	gctgtgccct	ttgccacgag	gtagtgaatg	cccacggagc	480
tgggtctgtcc	aatgcggtgc	acgcggctct	cagcctggat	cagcaccctt	gggttccaaa	540
acagctcagc	aaacaccacc	aggtcagccg	aggagaaggt	gaggcccata	ttggcagcgg	600
tgatggacag	cacggccaca	gcatgcctct	ccgacagttg	gaactgctgg	cacaggctct	660
cccgtcagc	tgatgaggtg	gagccatcga	tgcggtatgt	ctgcacgtgc	tttctctcaa	720
gctcttgctg	aattgcgtcc	aggaccacct	tatgggtgtg	aaatactaaa	aacttctctc	780
ttccactttc	cagtaggtcc	aagatatatt	caatgacaga	tgggatttta	gcttcagctg	840
ttctgttgaa	gaagagaatg	agggcatcct	tctgctgctg	tttagttttg	tccttggtgg	900

tcatttcctt	ggctgcagca	tccagggcag	ctctggtcct	ggcattgatc	cgctcctgggg	960
caatcaccac	tatcttgcgc	tgcttggcag	gcagctggga	aaggacgtcg	gacttgaggc	1020
gccgcaggaa	ttccnccgcn	cttgccctatg	ttncacgtat	cga		1063

<210> 3019

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(599)

<223> similar to gi6684 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3019

gcacgaggcg	acaggcacgc	agcctactag	gtgtggcggc	gaccctggcc	ccgggttccc	60
gtggctaccg	ggcgcgccg	ccccgcgcc	gcaggcggtg	atccccggtg	gccagagaga	120
agaggacctc	ctgacccccg	ggtggcagct	gggaccgcgc	tacgcggcta	agcagttctc	180
gcgttacggc	gccgcctccg	gggtgggtccc	ggttcgttat	ggccgtcgcc	ggagcagctg	240
cgggagctgg	aggccgaaga	acgcgaatgg	tacccgagcc	tggcgacat	gcaggagtcg	300
ctgcgggtga	agcagctggc	cgaagagcag	aagcgtcggg	agagggagca	gcacatcgca	360
gagtgcattg	ccaagatgcc	acagatgatt	gtgaactggc	agcagcagca	gcgggagaa	420
tgggagaagg	cccaggctga	caaggagagg	agggcccgac	tgcaggctga	ggcccaggag	480
ctcctgggct	accagggtga	cccaaggagt	gcccgccttc	aggagctgct	ccaggaccta	540
gagaagaagg	agcgcaagcg	cctcaaggag	gaaaaacaga	aacggaagaa	ggaggcgcca	600
gctgctgcat	tggctgcagc	tgtggctcaa	gaccagcag	cctctggggc	acccagctcc	660
tgaggctttg	tcccttccca	ataaagcctg	ctacctggca	gtacccttga	agaaaaaaaa	720
aa						722

<210> 3020

<211> 1180

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1181)...(915)

<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3020

ccccggggta	aaaatttttt	ttaattaaac	cccggaaagc	aaactttcca	accgccaggc	60
------------	------------	------------	------------	------------	------------	----

tatggcggtt	gtttttcccc	cttttcccct	taaaaatttt	ttttttccct	aaaggcttta	120
aattttggag	ggaggttggg	ccaatttgtc	cccccccaa	aaaaaagggt	ctttcccaa	180
attcccaagt	tgttttttaa	aaggccccc	ataaggaaaa	aaatttttcc	ttgccatccc	240
cgtttaaatt	tgggcccccc	aagggttctt	taaaagggtc	ccccctttt	tttttttttt	300
ttttttttgc	atcaacattt	ttattgaaat	acaaaaagtg	caaacggtga	aatacatgat	360
tggtgccaag	gaagtcatta	agtgtgaatg	tgaacactgg	attcacacag	tacaagcacc	420
cgctccctgg	ggtacagacc	agtgggggac	atgagaaaga	ccaaatagat	ccgaaaggct	480
cccagtgaa	tggggctgtg	agcgacactt	gatacacaaa	ggagggcgga	gagcagagca	540
gccctggccg	aggctagaga	ccaagggact	gatgaagaac	cagcagcagc	ccaggcccca	600
gggggctgga	tgcactgctg	atggtcttgg	gagagcccag	cgaagttag	cccaggccca	660
gcctggcttg	cggatggggc	tgggctggtc	agtgaggatc	cccacagtac	gggctctgga	720
atcatcctgc	ctggccaagg	tcatgggggc	agggtcactg	caggtacttc	cctgtactcc	780
ccaaggacaa	ggctgcagga	agagggatcc	ccaggaagga	gtgtaattct	acgagacagt	840
gggagtgaga	tcagccatca	ctggggccga	ggttctttga	aagacaacag	ggctggcccc	900
ggcgagtg	ctcacgcctg	gaatcccagc	actttgggag	gccgaggtgg	gtggatcatg	960
aggtcaggag	atcgagacca	tccatggcaa	catggtgaaa	ccccgtctct	actaaaaata	1020
caaaaatttag	ctgggcatgg	tggcatgcac	ctatagtccc	agctactcag	gaggctgagg	1080
caggagaatt	gcttgaaccc	agaaggcgga	ggtgtgcgga	gatcgcgcca	ctgcactcca	1140
gcctggtgac	agagcgagac	tccatctcag	aaaaaaaaaa			1180

```
<210> 3021
<211> 2426
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (306)...(2347)
<223> similar to gi5264503 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3021						
tttcgtaact	taaggatat	taagcagtc	ccacagacat	gctgcctgca	ctccacctgc		60
tgagctggct	ctgaggctca	ggagacgtgg	ccctctgtgg	tcccattgtc	tccacgtctg		120
tggtaaacccg	gtgcctttct	agagcaggca	ggctcccggc	atgggtggaa	acagagcagg		180
gggccagctt	cccccaatca	ccggtgctgc	tgtggaggaa	gagcttggtg	gcgctaggac		240
gtccttgtga	atgtgacttg	gaagagcagt	ttgggatttt	tttcattgcc	tggggatgag		300
agggagagac	aacgtgtgtc	ttacacatct	ccaacagcc	gacttagatg	tgatccgttc		360
tcccagaggg	agcaggtttc	tttgaacttt	tcctttttat	gtacagcata	gtgctgagca		420
gatcactgca	ctgtgcagga	gttttaacga	cagtcaggcc	aacggcatgg	aaggaccgcg		480
ggagaatcag	gacccctctc	cgaggcctct	ggcccgcac	ctgtctgatg	cagaccgcct		540
ccgcaaagtc	atccaggagc	ttgtggacac	agagaagtc	tacgtgaagg	atttgagctg		600
cctctttgaa	ttatacttgg	agccacttca	gaatgagacc	tttcttaccc	aagatgagat		660
ggagtcactt	tttgaagtt	tgccagagat	gcttgagttt	cagaaggtgt	ttctggagac		720
cctggaggat	gggatttcag	catcatctga	ctttaacacc	ctagaaaccc	cctcacagtt		780
tagaaatta	ctgttttccc	ttggaggctc	tttcttttat	tacgcggacc	actttaaact		840
gtacagtgga	ttctgtgcta	accatatcaa	agtcagaag	gttctggagc	gagctaaaac		900
tgacaaagcc	ttcaaggctt	ttctggacgc	ccggaacccc	accaagcagc	attcctccac		960
gctggagtc	tacctcatca	agccggttca	gagagtgtct	aagtaccgcg	tgctgtctca		1020
ggagctggtg	tccttgacgg	accaggagag	cgaggagcac	taccacctga	cqgaagcact		1080

```

aaaggcaatg gagaaagtag cgagccacat caatgagatg cagaagatct atgaggatta 1140
tgggaccgtg tttgaccagc tagtagctga gcagagcgga acagagaagg aggtaacaga 1200
actttcgatg ggagagcttc tgatgcactc tacggtttcc tgggtgaatc catttctgtc 1260
tctaggaaaa gctagaaaagg accttgagct cacagtattt gtttttaaga gagccgtcat 1320
actggtttat aaagaaaact gcaaaactgaa aaagaaattg ccctcgaatt cccggcctgc 1380
acacaactct actgacttgg acccatTTaa attccgctgg ttgatcccca tctccgcgct 1440
tcaagtcaga ctggggaatc cagcagggac agaaaataat tccatatggg aactgatcca 1500
tacgaagtca gaaatagaag gacggccaga aaccatcttt cagttgtgtt gcagtgcacag 1560
tgaaagcaaa accaacattg ttaaggtgat tcgttctatt ctgagggaga acttcaggcg 1620
tcacataaag tgtgaattac cactggagaa aacgtgtaag gatcgccctg tacctcttaa 1680
gaaccgagtt cctgtttcgg ccaaattagc ttcatccagg tctttaaaag tcctgaagaa 1740
ttcctccagc aacgagtgga ccggtgagac tggcaaggga accttgctgg actctgacga 1800
gggcagcttg agcagcgga cccagagcag cggtgcgcc acggtgagg gcaggcagga 1860
ctccaagagc acttctcccg ggaaataccc acaccccggc ttggcagatt ttgctgacaa 1920
tctcatcaaa gagagtgaac tcctgagcga tgaagatgat gaccaccgtc agactgtgaa 1980
gcagggcagc cctactaaag acatcgaaat tcagttccag agactgagga tttccgagga 2040
cccagacgtt caccgccagg ctgagcagca gcctggcccg gagtcgggtg agggtcagaa 2100
aggaggagag cagcccaaac tggtcgggg gcacttctgc cccattaaac gaaaagccaa 2160
cagcaccaag agggacagag gaactttgct caaggcgag atccgtcacc agtcccttga 2220
cagtcagtct gaaaatgcc aatcgacct aaattctgtt ctgagcagag aattcagtgt 2280
ccagagttta acatctgttg tcagtgagga gtgtttttat gaaacagaga gccacggaaa 2340
atcatagtat gattcaatcc agatatgggt taaattcctc attttacttt taaactggtg 2400
gtaaagtgga aattgcaaaa aaaaaa 2426

```

```

<210> 3022
<211> 688
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(354)
<223> similar to gi2463265 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3022
ttttcggcag aagggccag ccttgagcct tgtgccctta acgcgggccc gccgcgccag 60
gtgagcagct atatggccac ggtgtcgggg ctctcaaga tcgtccaggc ctctgtggcc 120
tgcacatct tcggggcgct ggtccatgac agccgctacg ggcgctacgt ggccaccag 180
tggtcggtg ccgtctacag cctgtgcttc ctggccacag tggccgtggt ggccctgagt 240
gtgatgggcc acacaggggg cctgggctgc ccctttgacc ggctgggtgt ggtgtacacc 300
ttcctggctg tgctcctgta cctcagcgcc gccgtgatct ggccagtctt ctgtttcgat 360
cccaagtacg gtgagcccaa acggccccc aactgtgctc ggggcagctg tccctgggac 420
agccagctgg tgggtggcat ctacacctac gtcaacctgc tcctgtacgt cgttgacctc 480
gcctactccc agaggattcg ctctgtgccc agcctgtagc ccacagtggc agccaccca 540
cctctgctct ctggccacca gctccagggt ctgcgaggga aactcagggt aaccaaagtg 600
tcaagtagcg agcaggaggg aagccgcggg ctcaggggag atgaagtaca acgggagagg 660
tcgctccccg acttccagac tgggctcc 688

```

<210> 3023
 <211> 881
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (881)...(237)
 <223> similar to gi200547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3023
 tttttttttt ttgggcttca aatcaagttt aataaataaa acagcaaagg ggggttcaag 60
 gcagttatca cttcacagtg tggtccttgg tggggtgagg gatggtcgag tccaactcgg 120
 aaaggggctc gagcacaaga ggccggacga cccccggggc agggcgcgcc gccgcccacg 180
 gaggacccca ctccaacgtg taaacagaaa cagaaacgaa cgagagggcc agggaggagg 240
 gggaccagga ctccaagcca tcttgctagg aagcttccca cagaaggaag acctgcaggg 300
 ctgggggaaac aggctggagt ctggcccctg cgtggccagc agggccggct cctccggagg 360
 ctccctgcct tggtagccgg ggaggacagc aaaggggatg taaatcacct gtctcctcaa 420
 acccacgcct ggggttgctg agggacccca cccaaccgc tcaggatcgg ggagcaggga 480
 tggaggggga agaggcaggt gggggtgtaa agtgcggtt ttcttgaagt ggagacgatg 540
 ggggtgggaag gcgaggctgg ggtggggggc ggacagcgag gtatatggct ctgtgcccc 600
 cggggttggc actgagtagc agctgcccac gacccccagg gctggggcag cccgcggccc 660
 tgccgggtgt ggagagacag agccaagcag ggagctgagg gcgccccggc ggaggctgct 720
 ggtgcggggc agggcgctct gcccgctctc ccgcccgggc agtgacgcct tccctgcgct 780
 ctgctggctg gaagggacta ggtggccggc tctgcccgga attccccgcn ctgcctaggg 840
 tctcagtcna nggnctcagt gggcgctann ncngcgctc c 881

<210> 3024
 <211> 782
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (43)...(718)
 <223> similar to gi4490675 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

acttgccatt	ctgatcaatc	cttaactcta	tcaccggtgc	gaataacatg	ctgaggagag	1080
ccgggaggcc	agggatatga	ggcatcagag	aggtttctct	cagcagcatc	gtagatcctg	1140
ttcaagtcac	gctaaatcaa	catcgggcat	taactcacgc	tgctcagggc	agcgttccct	1200
cccggcccgc	tcctactcat	ctgcagggtat	cccctectct	gctgagtctg	tccagtcccc	1260
acaggcccac	cccaatagta	acgcacactc	cctgttctct	gtttccacag	taccgaattc	1320
caccacatgg	actaggagtc	gtcaatnnnn	ncaatgggtct	caaccc		1366

<210> 3026

<211> 1438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1439)...(274)

<223> similar to gi5912548 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3026

tttttttttt	ttagtatttta	taatcattta	cttgtagcga	actgtttaaa	gttaacactt	60
gtttaaatth	ttttacacta	tagcatthtat	gcaatggtht	acagaattca	tggagthtatt	120
tttatcagta	tgggaattaa	ttaaaacctt	gaatctthgt	tttgtctgct	tctctgagca	180
caagcctggg	cagctgggtcc	ctgcgggtcc	taccagccag	cttctctgta	gggctctcgg	240
ccgcgtccac	ctctgctctc	ccaccacaag	gtcacaact	cccacgcagt	cctgggtcac	300
ccgcagctg	ctctggagac	ttggctctgg	gcgtctcgtg	gcccagtg	tccaagttgg	360
aagtttctgt	gggcctcgtg	taggggatgc	cgtgctgggt	gagcaaacct	ttcagccttt	420
tgatctcctt	tgagagttct	ttatgagcct	tcctgcagtt	ttccagggtc	tcaaaccoca	480
agctgtcagg	acctccctcc	agctgggtgg	gttcatttht	ttctggggtc	tttaagtagc	540
cagcatcctc	aaaaagtgtc	ctcagcaact	tctcatggcc	ctgggggggtg	atcagctcat	600
cggccagggtc	ctgctctacc	tgggtccact	gccgtgcag	ggcctctggc	agggttgggt	660
acactagcaa	ggcgtggggg	tggcagacga	ggggggtctc	gaacgtcagc	gcgtagacgc	720
aggtgctcgg	ctcggacaca	tgggccagcc	ggttgcttht	tccacacgcc	agctccacct	780
tgctctgcgg	gctccgggaa	cggcaggcgt	caccgtccct	catccacatg	cccgtgaagg	840
tgttggttgg	gatctcccac	tcgtgccaga	tgccaggat	ccactgtag	gcgttccagc	900
ggaaggctctg	ctcgtgctgg	gtcacgttgt	ggaacgggca	gaactcatac	ttgtacctgg	960
ggacacagat	ggcatgaggg	gggtccgcag	gctgcgcccc	agcccaccct	cgcacccacc	1020
ctgcaactcac	gtggactcca	ccaggctgaa	gcaactgccc	gagagtcgga	agagatgcac	1080
gggtcctgga	agagacctca	caactgatccc	cagggtccaa	gcacagaacc	tgtctgcaaa	1140
gacgtattaa	taataaagtc	gaggccgggc	gcggtggctc	atggctgtca	tcccagcaact	1200
gtgggaggcc	gaggcgggca	gatcacgagg	tcaggagatc	gagaccgtcc	tggctaacac	1260
ggtgaaaccc	cgtctcagac	acgggtgaag	gatccctctt	ggcctggagg	cgactggcct	1320
gaggcaagaa	cgggttggtc	accccaaacg	cgttgggctc	ctccccacc	ttcattttcg	1380
ctgcacctgc	cggcgcgggc	ccgccgaccg	agagcccag	gagcaacagg	agccgcgc	1438

<210> 3027

<211> 1415

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1416)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(774)
<223> similar to gi4235142 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3027

agctttttaac	tggtcctcaa	tccttactga	acataagaga	attcatactg	gagagaaccc	60
ctacaactgt	gaagaatgtg	caaagccttt	aatcggtgct	cacaccttac	tagacataag	120
aaaattcata	ctgccgtcan	acgctataaa	tgtgaagaat	gtggcaaagc	ttttaaacgg	180
tgctcacatc	ttaatgaaca	taagagagtt	caaagaggag	agaaatcctg	caagtataaa	240
aaatgtgggg	aagcttttaa	tcactgctca	aaccttacta	cgtaagaatt	tttactaaag	300
agaaatccta	caaagttaaa	gaatgtggca	aattccataa	atcttgctca	aggcattgaa	360
atcacaagat	aattcatact	ggagagaaac	actacaaatg	tgaagaatgt	ggggaaagtc	420
ttcaaccatt	gctgacagct	tattgcacag	aagaaaattc	atgctgagaa	aaattctgat	480
tttaaagaat	gtggcaaagc	atttaataac	tactatgaac	ttactcatca	gaggttttgt	540
gctagataaa	agcaatgtaa	gtgtaatgat	acacattaca	tttatctgtg	gaaagatgtc	600
accaaataaa	agccttagag	tacacaaggt	gtaatgatag	tgatacatta	catttgtaca	660
tggaaagact	tcaaaaatat	aagccttaga	gtacacaaga	gtttttatac	tgaagaaaaa	720
cattacaaat	ataaagattg	ttgcaatact	tttacttatg	ttacagattt	tgttgtacat	780
aggagaattt	atactgaaag	gtaaccctct	aacagttgct	caaattttat	tccatttttag	840
ataattttaca	ttggaaagaa	accctacaac	tgtaatgaat	atgaaaaaaa	ttgtttaaaa	900
agtacacctt	agaaaacact	agtttaaggc	cgggcgcggt	ggctcacact	tataatccca	960
gcactttggg	aggccgaggc	aggcggatca	cgaggtcagg	agatcgagac	cacgatgaaa	1020
ccctgtctct	actaaaaata	caaaaaatta	gctgggcatg	ttgtcgggtg	cctgtagtcc	1080
cagctactgg	gagaggctga	ggcaggagaa	tggcgtgaac	ccgagaggcg	gagcttgcag	1140
tgagccgaga	tcgcgccact	gaactccaac	ctgggcgaca	gagactctgt	ctcaaaaaaa	1200
aaagaaagaa	cgctagttta	tatgaaagca	tttaacagat	gcagtaaata	taaaaaatta	1260
ataaaaaatt	aagtctaaat	gaacatcaga	agattcacag	tagaaaccac	taagacgcta	1320
acactttcaa	tgttattcta	aatcagggca	ttgattataa	agagtaattc	aaggttaaca	1380
taatttagtt	agcctaaaca	gaaataggag	attat			1415

<210> 3028
<211> 2964
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2181)
<223> similar to gi5817167 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3028
gaaactccta ggcagcagag gccacgact acttcctcct gagtgccgtt cagtggcctg 60
tgtccaggct ctgaagggct ccaagaagct ggtgctgtct gtgtactcag cagggcgcat 120
ccctgggggc tacgtcacca accacatcta cacctgggtg gacccgcagg gccgcagcat 180
ctccccaccc tcgggcctgc cccagcccca cgggtggtgcc ctgaggcagc aggaggggtga 240
ccggaggagc accctgcacc tcctgcaagg aggggatgag aaaaagggtga acctggtgct 300
gggggacggc cggtccttgg gcctcacgat ccgtggggga gctgagtacg gccttggcat 360
ttacatcact ggcgtggacc caggctctga agcagaaggc agcgggctca aggttgggga 420
ccagattcta gaagtgaatg ggcggagctt tctcaacatc ctacacgacg aggtgtcag 480
gctgcttaag tcatctcggc acctcatcct gacagtgaag gacgtcggga ggctgcccc 540
tgcccgaccc actgtggacg agaccaagtg gatcgccagt tcccggatca gggagaccat 600
ggcgaactcg gcagggtttc ttggcgatct cacaacagaa ggaataaaca agccaggatt 660
ttacaagggc ccagccggtc cccagggtgac cctgagcagc ctgggggaacc agacacgagt 720
gctgctggag gagcaggctc ggcacctgct gaacgagcag gaacacgcca ccatggccta 780
ctacctggat gagtaccgtg gcggcagcgt ctctgtggag gccctcgtca tggccctgtt 840
caagctgctc aacacccacg ccaagttctc actcctctct gaggtgagag gcaccatttc 900
cccgaagac ctagaacgct tcgaccacct ggtgctgagg cgtgagattg agtccatgaa 960
agggcgggca gccccaggc cccggggctg gggaaacacct agttccatgg tgttcctaca 1020
gttgacacgg gtttcattcc acaggcagcc acggcacctc caccaccgtc agctcggcca 1080
ggaacactct ggacctggag gaaactggcg aggtgtcca gggcaatata aacgccctcc 1140
cagatgtgtc cgtggatgat gtcagatcca cctcccaggg gctgtcaagc ttcaagccac 1200
tgcttcgccc accacctctg gcccaaggca acgacctccc actaggccag ccaaggaagc 1260
tggggagaga ggacctccag ccaccttcct ccatgccttc ctgctcgggc actgtcttct 1320
cggctccaca gaaccgcagc ccgccagcgg gcaccgcacc caccaccagg acctcctctg 1380
cacaggactt gccctcttcc cccatctatg cctccgtctc ccctgccaac cccagctcca 1440
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gggtccagtc acccccgcac ctgaaaagcc cctctgcaaa ggccacagtg gctgggggct 1560
gccttctgcc cccatcaccc tctggccacc cagaccagac aggcacaaac cagcactttg 1620
tcatggggga ggtccaccgc cccgacagcg agccagacgt caatgaagtg agggcgctgc 1680
cccagacgcg cacagcctct acgctctccc agctctcgga cagcgggcag actctaagcg 1740
aggacagtgg tgtggatgct ggcgaggcag aggccagcgc cccaggccga ggaaggcagt 1800
cggcgccac caagagcagg agtagcaagg agctgcctcg gaaagagagg cccacagatg 1860
gggccaaca accgcctgga cttctggagc ccacgtccac tctggtccgt gtgaagaaaa 1920
gtgcggccac cctgggcac gccatcgagg gtggcgccaa caccgcagc cccctgccta 1980
ggattgtcac tattcagaga ggcggctcag ctcaacaactg tgggcagctc aaggtgggcc 2040
acgtgattct ggaagtgaat gggctgacgc ttcggggcaa ggagcaccgg gaggccgcc 2100
gcattatcgc cgaggccttc aagactaagg accgtgacta cattgacttt ctggtcactg 2160
agttcaatgt gatgctctag aggccaaggc ctgagggcct cccaccactg cccagccccct 2220
ggtcccagtc cctttccacc gttggcttca tcaagctcct tgcgggggtg gggctgcatg 2280
gccagggtgg caggaagaca tccccctcc atcccagccc actggaccag aactgggaga 2340
ggaagagagc aggacaaggc agacagaagg tcaggtcagg aactggtgct gtactgggta 2400
cacagtaggc gcccaggaca agtgggttgc aagacaggaa gaaaggaaaa ggaaggcag 2460
agtgtcgtgt tctccagggt ggggtggggc cactgctgtc cccctccag ctaggacca 2520
gcccattccc agatgcctga gcctttgtcc aaagtgaggt cactcgagaa ttcattgaca 2580
cggcccccag tcagggggca tcttgcaaga cctttagtgc cacaataaag catcgagcac 2640
ctccccattc acacccccat tcctcctggc tccttatccc ccatggtgtt tattatttat 2700
ttccctcccc atgcccctgg ggaccccaag gcccagctt ccctctgcac cccagccta 2760
tcccagaggc cttgcagggt accagcagtg tcattgtatt tatatacaga gcttatgact 2820
ttaatttttc aataaagaaa tctgaacaag gttagaaaaa aaaaaaaaag ggggggccgt 2880
tttaaagaac caaatttaac gtccgggggc tggcaaggga aaagtttttt tataggcccc 2940
ccaaaattaa ttccccgggc gggc 2964

```


<210> 3029
 <211> 2465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2466)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2465)...(678)
 <223> similar to gi4240271 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3029
tcctctgtcc cttggctata ttgagatcct gacgatgcct accaagctgc ctcttatgta      60
ggatccagaa ccagtgggat gaaagagcag caggtaggct ccaaagagct gatagcactg      120
ggggcttcat gacccatagg acatgagctg ggaccccatc atctcccttc agactagggc      180
actttcaggg tctctcatat ataaacacac atacacacac atacacaccg caaatgatgg      240
ggaggggagg tggccccagc atgtggtgga tcacagtcac taagtctact tacttattat      300
ttatttttaa aatatattta aacagcagca gtcacttcca aaatgcaaaa aaaattacaa      360
tttttagaat aaaattataa tgtttataat gcgggtcaga agaattgaag gtacaacaga      420
atcaaatacac gcagcactgg aggcggctgg agaagccaaa gccactgggt caggggtcca      480
agctgacaag aagtcccaac ctgagagggtc tccacaccca aatcataccc ctgagcttcc      540
cactgacaga gccagtgtcc tctgggttag agaaggagaa gcggcaagga gctggccctc      600
tgtgtgggtg tcccaaacc agtccccccc atcagccagg gacctgctaa tccacctcct      660
ccatgttgct gtaggtgggg gctggccgat ccacaggggg ggccaagcgt tcaggggctg      720
tccgcgtggg ggccacctcg ggggcctggc cagggcctag tccctggctg gcagcagcct      780
cagctgcagg gcctaggtct ggggtggtgct cagagtgaac tgccctgggg ggccctctcca      840
caggagagtt ccgcccggcg tagaagagta cataggcata acgcgtcaca acctggctct      900
cgtctaccgt tgtcactgtg ctgtcatcaa acaagcgcca gccacgtca ctgcgtgac      960
tgctacgata attgggcagg cgtgcacagg cagtgtagtg gccaccaatc atgcctccat     1020
agtggttgat gacagcatat agatcgtagc tgggcagctg ctctcttttc tgaccaatgc     1080
agaacttgct cagggtccagg ttccctaacag ggaactccac caagtcattg atcttgtcac     1140
gccagataaa actacgaaag gagaagcgct tgagctgcac gatgagaaca tttggcaggc     1200
gccatagcaa cagctgcttg gaggcctcac ggtgctgttt gcaactgtgg cagtaccagg     1260
ctcctcggg tgccagcacc tcaggccgtg tgaagagggt gaggcactgg tccagggtga     1320
agtggccggc ccgggcagcc tcaccggcag agcctggatc ctgagcatat tccagctcct     1380
tggaggctac caacacaaac tcttgcaagc gctcattggt ccgccagacg agagccaggc     1440
tacagtctgc acccagctcc agtggggtgt ctcccttgtc ctctagccgc tgctctcggt     1500
tggtatgaatc aattttatag atgaagaact ggggtgtgtg ggcattcata gcttcacttg     1560
gatgctggta cccaggcaca gcagcttcgg gtcgggacac cctctcgcca gctggcaagg     1620
agccaacctc aatgggcca ctggccagca tctcagaaga aattccactg gtgctgggca     1680
caggaccccg gtcaggggct gccacacccc ggggaagccc tgtgtccccc tcagccatag     1740
gggtcaccag ctggagctca ggtggctgaa tggggtctct ctgctgttcc ccagcctcca     1800
gggaacctgt ggagagcagt gtggtgcagc cagggtctct agactccaag gccatgcggc     1860
ctggctgaaa ggggtggctg aatacactca cagagtaccg ggcataagccc tctagcaact     1920
gagcgaggcg ggcataagt aggcgtgagg caggtagact gaccaggaag gggtagccaa     1980
tgttctcagg tcggcagagg cccttgtggt caggccagtg ggttttctgg cagagctggg     2040

```

09488725.013100

```

tgcagtagcc cacacggtag caccgggtac agcgcttcag cttttcatcc tccgactggt 2100
gcttccgctg gcaggctgca cacttggaga tggggacgct gggcacctgg gggcgctggt 2160
gcacctctag caccactacc cgctccttag ccaactctga ggatagcagc tcaaagcaga 2220
ggagcgtatc agatggggac acagtgtcca gtgagtggga gggtaggaac acacgatgaa 2280
aacgattctt aattacctcc gccaaacgca ggttctcagc gcttcacatg cacactctga 2340
gagagggagt ccaatacttc gctcgagtg gagttctcct tgctgacgct cacaggaact 2400
tgtgggctta atntcgggtct ntgcgggcnc nntaanntgg tntcagggttn ncacgnnngg 2460
aacc 2465

```

```

<210> 3030
<211> 1010
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1011)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (943)...(280)
<223> similar to gi3114816 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3030
tttttttttt ttgcagagga actgactcat ttatttgtgg atccaatgct ctcttcccac 60
tgtaccggtc ctaatttact gcagccgagc tcctcacatg ctggactatc actccatata 120
agggttgagg tcagtgggca ggggtctggg tccaaggccg cagcaggagg aactggacag 180
cggaggaagt agctagggca tgtgcttggc ccactgcctc cagcacccca aatccctgcc 240
tgaggctggg gagagacctt ctgccggcgg ctctcaggc cttcccggac ccggcctaag 300
gaggccaagc ggtttctctt ggcggagggc tcggtagtcc tcccggatct tctccagggt 360
gctgagggtc ttcttgccca gctctgtctc gatctgctcc tcgagggtct gaacctcccg 420
catgatggtg cctgtgtcct cgatgggtct gatgagctgg ctgcagttct cgtgcagagc 480
agctagatac ttataggcct tccgaacagc atcgctcttc ttggcatcct tgaacacaag 540
ctcatcagtc accgcaaacg tccggtccag cttcccagat agggagttga tttccttctg 600
aagctccttc gtatcagaca agatcttggg gatctcttcc ttctgcttcc ggatggtgcc 660
cacgatctcc aggatgcgct ggggtgtagg cagccgggac acatctctgg gcagagtctc 720
cagctctgac atctaggcag ggatatagca ggcactgcc caggaccatc cccccacct 780
cttaagctac ccaggctcct cacacaggcc ttaccagctg cttatagacc tctccttcc 840
tgcgggcctc ttcagcagcc gcccgagac tctggtgcag ttcttggatc tctgccagcc 900
gtcgagaaga ttccagctct ctgcaatcct gcagcttctg ggaattccac cacacggagt 960
agtgatcgaa annnnnnnnn nanggtgttc gagcnnnnnn nttctcatct 1010

```

```

<210> 3031
<211> 1835

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1836)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1835)...(410)
<223> similar to gi5441615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3031

tttttttttt	ttaatcaaaa	agtttttttaa	atztatgtaa	tgtctcatta	atatataagc	60
tttttccttg	tttcatacaa	aacaggactc	cacacactta	ggatggaaat	ccacacactt	120
aggatttcca	accattttac	atgatgcttg	atgaaaatat	ctttttatat	cacttttatcc	180
atacaatact	ttagtctttt	aagagaatac	tgaaaatagt	ccgactttca	aattttaagt	240
gcaataatta	gtatgggttaa	ttgataattta	ggaagggcat	gtaatgttct	tagaaaaaga	300
actttatttg	gaatgtaaga	ttttattcgg	gataatcggg	tcttatgcct	taaattccct	360
tagttcaaat	aaactaatgt	taaagaatta	tggctgtttt	ttaccaaaat	tctctacaat	420
tgtatgatta	ctctccaaca	taacttcaag	atggttgagg	aaaataaaac	aggtagtctc	480
tgaagttttt	ccacaggaac	agcacgctaa	gtgcttcttt	ctggagttat	tttgtgacac	540
tgaatcgcca	aagaaaagct	tcctatagag	ttaacagaga	cttctcttgg	gctgaaggct	600
gcttggtggg	tccacatgca	gtctctgtga	gaatgggatt	cttggtgcag	ccatgggtca	660
caacttttct	gtgcactttt	ctgggtgctgg	attaggtggc	catgctgggt	gaaggcacgc	720
ccacactccc	cgcactcata	gggcttctcg	cctgtgtgga	tccgctgggtg	ctggatgagc	780
actgagtact	ggctgaaggc	cttcccgcag	ctattgcact	catatggctt	ctcgcctgtg	840
tgggtcctca	ggtgcacaat	cagagttgct	ttcaggctga	aggctttgcc	acattctgtg	900
cactggaagg	gcttttcacc	tgtgtggatt	ctctcatgct	ggatcagaga	ccggcgtgca	960
ctgaaggcgt	gcccacattc	accacacaca	tagggcttct	ccccagtgtg	gactctctgg	1020
tgctggatca	ggtgtgagtg	ctgaacgaag	gccttcccac	attcgtagca	tgcatagggc	1080
ttttcctcgg	tgtggatccg	ctcgtgattc	atcagtgtgg	agcgggtggc	gaaggctctc	1140
ccacactcac	tgcactcata	gggcttctcc	ccggtgtgca	cgttgtgggtg	ctgaatgagg	1200
actgagcggg	cgctgaaggc	cttcccacac	tgcgtgcacg	tgtagggtct	ctccccgggtg	1260
tggatcctct	ggtgctgcag	cagtgtcctc	ttcacactga	aggttttccc	acactcattg	1320
cacctgtgag	gcttctcccc	agtgtgtacc	ctctggtggc	tccgcagAAC	agtgtctatg	1380
ttgaaggctt	tcccacacaa	cggacacaca	tatggccttt	ctcccgtgtg	gatccgctgg	1440
tgctgaatga	gatgtgagag	ttgagtgaag	gctttccgac	actcaagaca	ttcgtgaggc	1500
ttctctcctg	tatgtatctt	gtgatgctga	gcaagatctg	agctcactct	aaaggctttt	1560
ccacactcat	tacactcata	gggcttctca	cctgtgtgaa	ttctcctgtg	tttactaagg	1620
actgagctct	ggctgaaggc	cttcccacat	acactgcaca	catagggtct	ctctccagt	1680
tggttacgct	gatgctgaag	gaggtgggaa	ctccggccaa	agcacttccc	acactcaaca	1740
cacatgtagg	gcctctctcc	acgtaggnac	tgcctgggtg	ggagtgagtg	gcatgctttg	1800
gcttaagacc	tgaacttcac	ggtgggtcaac	agagt			1835

<210> 3032
<211> 1031
<212> DNA

[illegible]

<221> misc feature

<223> n = a, t, c or g

```
<221> misc_feature
```

```
<223> similar to gi6678 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

tttttttttt	ttgaaaccga	gacaaccttt	aatcaggaaa	cctcagagag	acgcatgaca	60
cctggcggta	cagtcccagt	gagtggaatc	ccagccggac	gcaactcttc	ctccaggaga	120
acttggcagt	cccaaccctt	ctcaaaagat	gagccagcca	cgcggtccag	ggaggatgct	180
gacagtggaa	acgacttcct	ccattcttac	agcacatttc	aaacacttct	tgggaacaag	240
gttacatcca	gccttggggg	tcttccatcc	tcaccagggc	ccctgcagga	gggagcccag	300
gcatcccac	caggttcac	cttggaactg	ccctgcacac	accctggggc	actggcagag	360
gtcctctctc	cagagtctcc	cggacacagt	gacctcctta	catggtggac	tcttcccccc	420
gagaagcccc	cactgggggg	tgctgggggg	caggggtgggt	ggtggctgca	agggtgtgg	480
agagtctaga	ggtggtggga	gaaagcacgc	gaggcccag	gaggggtgatg	ggggtcttcg	540
aggggctggg	gtccatcatg	gaaagtgtctg	aagcttccgt	caggagggtg	ccaggcagag	600
gaggccacct	ggacactatc	tgggccccag	aggtgagaa	cgagcgctct	ggagtcacag	660
gaggtggctg	aggagcccct	ggggaagcta	gaggtagagt	gggggctcct	ggaggggtcg	720
aaggccctgg	tgagagtcca	ggggaggccc	caggctcccc	tgggaaagtg	gctgtcagcc	780
ccaaagcag	tgaggttgga	ccatgagctc	ctgccgggct	tgtaggtaaa	gtctgtgttt	840
tcatcaagtt	cgttcttaaa	aggagtctga	ggagatgaag	ccccggcctc	gaggggtgatg	900
ccgtcggggg	cccaggacag	gagctacagt	tgacaggggc	ctcagtgtct	ccatgcaggc	960
tccgaccagc	tttgccgaat	gccacatttc	cgaattccnc	cgcntggact	aaggtcatcg	1020
aaagtcgaag	g					1031

<211> 764

<213> Homo sapiens

<221> misc feature

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

tttttttttt	ttatgatcaa	tttgttttct	ttattgcaaa	aaaaaagaat	taaagaaaaa	60
aacatttggt	caaaagctac	ctcaaaagtc	ctctaccaa	acatgatttg	gcaatctttt	120

tgcatgatta	gtatgatggc	agtaggagct	ttgtttaata	agcaaacatg	atgaaaattc	180
caaaagggtgc	tatgcaaaag	atcagaagga	agatgttttt	cctgagaccc	tctgccaact	240
gttactttctt	ctgatgcctt	tcctgcttct	tgaacaaggc	ttaagacagc	ttctctgttc	300
catttctgac	cactatgtgg	caccagaac	tttgaagtag	gaaatagaaa	aaaatctgct	360
taactagtga	tttgcgtgga	atctttaatc	aatgcctctt	aaaaataatt	catttatggc	420
cgggcgcagt	ggctcatgcc	tgcaatccca	gcaccctggg	aggccgaggc	gggcggatca	480
cgaggtcagg	agatcaagac	catcctggcc	aacatgggtga	aacccccgtct	ccaccaaaaa	540
tacaaaaaat	tagctgggca	tggtggtagg	tgctgtagt	cccagctact	tgggagctctg	600
aggcaggaga	atggcgcgaa	cccaggaggc	ggagcctgca	gtgagttgag	atggggccac	660
tgactttcag	cctgggcaac	agaccgagac	tccatctcaa	aaaaataaat	aaataaataa	720
aaataattca	tttatttttt	tcagtgtatt	ggaatatggt	ggct		764

<210> 3034

<211> 1674

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1676)...(1379)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3034

agtactagct	tcagaaggaa	aagcttttatt	ttctcagaga	aaagggtggt	agattaagga	60
aatgacccag	catgttggtg	ttttgttggt	gttggtgttt	aggtgtacat	ttaaagtctt	120
atcaaaaagg	aaacattgtc	atgtcaaaga	ccactgcagg	ggaagcccag	aggtggctgt	180
aagcaagcag	atcacaagtc	ctttaagaag	ttctttcaaa	tagcagtaga	gctcagaggg	240
gggctgttgt	ttcaaacaag	attcaattag	catcaagtta	ttaaagggca	gccggggaaa	300
caagaataat	attgacagac	ctgcttttta	agcagtatct	tttccctcta	atcagctgag	360
tttgttggag	ctgatcattt	tatttcttca	actccattca	actatagggtg	caaagaatga	420
gaacttcagt	gtaactccaa	ttttctaaga	gaactaatca	tattgctgct	ttataaaaaa	480
ggtaatcttt	cacagttgct	tagatttatg	aataattaga	tttaaagcat	tatactggaa	540
tctagaaatc	tagctaaaag	agctgagggt	cttatctgaa	ttatttgggc	cgtagccctt	600
ctgttgaaact	atagaaagaa	cttaaagata	tagttgtaaa	ataaggacgt	actcccaaaa	660
actgtcccaa	gtatccactt	gattctgtat	ctttatattg	catctttttc	tcatatttct	720
gcaagtttac	ataaaactctg	gtcaactatg	aatgcctccc	gggatgagaa	atgggagttt	780
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gaaatcagaa	aggcactgtc	tgtgctctct	ctccgccaga	tactcagtct	gggttacagg	960
aagtagaaat	ttgtgactac	tagcctttcc	cagcctcctt	tgtaactcct	gactttggaa	1020
atgggaattc	agccactgag	aactttttga	tgtgcagctg	cctttctcag	ggaacactaa	1080
ccaagaaaca	aagtcttcag	gtcacctttc	ctcttccttt	tgtgaggaca	ggagacaaaa	1140
gaacaagatc	tccctgaagt	gtctccttgg	ctttacaaca	ttccacagta	ggcacctaac	1200
acttgagtta	aatgtgcaga	ctacacacct	accataaaaat	tagggcactc	aaggtaagga	1260
aagtatttcc	atagttactt	ggatatattg	cagagtagtt	ttctctctta	aactactaat	1320
tgcccataac	ttgctgggtg	tgtacacaac	ctgtaggaag	tattattttt	aaaagttacc	1380
ggctgggagt	ggtggctctc	gtttgtaatt	ctagcacttt	gtgaggccga	ggtgggagg	1440
acacctgagg	tcaggagttc	gagtccaacc	tggccaacat	ggtgaacccc	gtctctacta	1500
aaaaaaatac	aaaaaattag	ctgggcatgg	tgctcatgcc	tgtaatccca	gctactgggg	1560

atggtgaggc	aggagaatca	cttgaacctg	ggaggcagag	gttgtggtga	gccagaat	1620
ggccactgca	ctccagcctg	ggcaacagag	caagactccg	tgtcaaaaaa	aaaa	1674

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<210> 3035
<211> 1640
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1643)...(917)
<223> similar to gi861406 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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09468736.013100

<400> 3035						
tgcaaataat	atatctaaca	tacatccttt	caaatgtaa	catccttaac	tagttaacat	60
agtctagagt	ctaggggcaa	agacaagcaa	atattgatga	tttagaaatg	cagtagcacg	120
ttaggctaca	acatgggttaa	ttccaagtca	cttcatat	tgcaagttct	ttgctcctat	180
gattgaatac	ttcaaacatg	tatcttatct	ttcctcctga	gtatccaaaa	gtgctttgga	240
gagcaaaagt	gctttgtctc	cccctttccc	aaaaacaagg	aggggggata	gggctgtagc	300
aagaagggcc	agctgctcta	gagaaaatgt	ggcagtacca	gggtaaatgt	tagcatcctt	360
aagcgggtat	cttcagccag	caacctgggt	gtatgggggc	tagtgacggt	aggatttcat	420
gggtaacct	agaacaactc	ttttcagggc	atgtttttta	ataatcttaa	aaggattcct	480
caggttggct	ttccctaact	ggaaaatgga	gataaaaaaa	aaaaaattcc	atcccccaagc	540
tgtcctttca	atgctccccc	agctgggtctg	ggcacactcc	ttcctcttgc	acctcttaga	600
gcgggccagc	agctccctct	gggagaaatg	aggccccctta	gctgtgcata	cccagaggga	660
acgaaacatt	ctcttctgta	gcaggtgccc	cgatttagga	agacaattct	ccaaagcctt	720
gtgagctagg	caagagtcca	gagagaacac	atTTTTttcc	tctgaatcaa	gtctttctct	780
catttacaca	gtctcatctt	aagaacttta	agtgtgaaag	gaaatatgct	aaattattct	840
gagctgtcca	cttagagtgt	ggtgtggatt	ttcccaactgt	ttttaaacac	acagaaagac	900
acactccaaa	aggcctttcc	ttcttgttca	ctggtgtggt	ttattcttga	agcaaggtct	960
ctctccagtt	gaagccccc	gttgggtccat	gggtaagagg	aaggattggt	ggatctgtca	1020
gctgccatat	tccagtttct	cctaattctt	cacaggaaca	aaatcccaga	tatgggatct	1080
ttcggaccat	ttgtacgaag	tccttggagt	tctgaggtga	caggccctga	agttggcagg	1140
tacacgcttc	aagggaagat	gcgtgggcc	ccaatccagg	atgttatttc	ctttactttt	1200
acattcaact	attatttctt	ttgttacttg	gaaacttcta	ctgatataag	tatcatagga	1260
ttctgaaaca	actaatttgc	tgattggaat	gtgaggtctg	taggttgtat	caacactcag	1320
gttggctgca	gctaactctg	atggaggtat	ccatgcaggt	aatgtgctcc	cagcaaccca	1380
ttttgtccac	tcaaataagc	cgggctctac	acggatcttc	aagtgatttt	cttgttgtaa	1440
acctttcaag	atattgtgtg	cagtctgaac	gcagcgaagg	gacggggagc	aatagacatg	1500
atcgataatg	gtattgtctt	ctaataaggc	ttcaccact	agtcttgctt	gcatgcatcc	1560
aaacacagtg	atgggagcat	ctttctcgta	atctcgga	ccaccactcc	gctgaggtaa	1620
actatgaggc	atgttcaggg					1640

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<210> 3036
<211> 4100

```

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(4101)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4102)...(386)
<223> similar to gi4914619 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3036
tttttttttt ttgagaatgg aagcaaaact tttatttcctt cttggctgga gaaaggagaa      60
actatgtggg tggttgtgta cccaggaccc ccatttccttc accccctccc aagaaccaaa      120
agaagacaaa gcagcggcca cccaaatggg ctccccctctt gcccaaagtg aaagccgaga      180
ggtgcagcgg cttggctggg gaggcaggtg agcgcaagca ccggcacagg gcaggggccg      240
gcttgcaagt acagggcggg cggcccaggg cggcccatgg ggccgggggtt tgaaggggaa      300
gaggcgccgg ggcttgcttg ggtaagcggg gcaaggcttg ggggggctgc cggcttgga      360
cggggcccca ggactcaggg gcaccaacaa cgcggtgaag ggggctggcc tgggaatggg      420
cttcgtcccc cccaatttga cccaccagtt gtgtacttcc ccctttgtcc ttgaagcagg      480
taaggacact cctgtagagc caggctgccc gacgtgcttt aaccaggatc tcctcggcag      540
gggggtcctt tgggccatga acccccacca gcaagcatgt tggatgcctg ctttggcggc      600
agtccatagg tgaaagcggg tctttctggc cctacggtag gccgttgctt cagccccccag      660
gcccctgggc caccaccctt ggctggcgctc agcaggcccc aggacccccg ngcccccatg      720
ccttgggggc acaggtgggc cttgggtcag agagtctacc aacacttgat gatgtctcgt      780
ggggagcctg tgttgctgac gagaccgggg gccctgtgac tttggccctt gaaggggctg      840
cccccaatgt ggtagggggc gccgtacttg atggagatga ggtagetgcc aggtgccatg      900
ggggtatagg tgacgcggta gccctcaggg cactcctggc aatccatctt caccttgag      960
gggccgtcaa tggtcaccga cagggcacca gctcccgcac tgctcgtgtt cacgacgaac     1020
tcagctgggt tccctgtgac accgccttcc agacctgtc cgtaagcaga caccaagcct     1080
gggtcccctc catgcccagg ctccccaaact cggatcttga aggggcttcc agggatgtgg     1140
gtgccgttga acttgacgtc aatcaggtaa acgccattct cccgagggat gaagcgaca     1200
gcatacttat cttgggtcaat ttctgtgaca tagcactcct ccagggtctcc tgaggggctg     1260
tgacaccttg catcgatcgc ccccttggcc cggttcaggc tgactgcaaa agaggctggc     1320
tggttgacct ttagccctga ctccctggaag cacagcagac atgggtagat ggggggtgctt     1380
gagccagggg aaggggaggac ggaaaggccc caggagcaac agggccgcgg gtcgcactta     1440
cccatctggc gtccaacttg gtttaaagag ggagagccac tgatttgcaa ggggcagcaa     1500
gccacaggcg cacatccccg cccctgcccc cacactctgc cgtcgcacac acccagggtg     1560
caggaaggga gggctgcccc accctgtggg cagcaccag ccttggcagg ctgtccctct     1620
ttaaacgca gccctgggtg tcaaggggca caggcttctg ttcaaagcct ccagacctga     1680
gacacgagaa aaactccacg tggtagggcag gatatttctt gccgacccca agcgtgggct     1740
gcacccggcc agagcagagg cctggaaccc agagctgggc cagggggggtc actgaacaca     1800
gggccaaagg cttggtctct cgggtggtct tagaagcagt gggccaggag ccccagggtg     1860
gcggtttctc tcggtgcctc acccgaggc tagaagcagt ggtctgtccg ggcccaggag cccaggtg     1920
acggagaagc cacaggcacc acgaaggggc tgtcgggaat gtgttcctcg ttgaacttga     1980
ctgagacttc gtagtcacct ggctccttgg accacataag ccacaccaca ggagccgtcc     2040
ttgcggtcct caaaagagat ctacgccttg ctggggccct cgacagcaat ggccaggcct     2100
ccagcaccag cttcccgggt ccagatactg aaattcggct tgccaattag agcttctagt     2160
actccccagt cccaggctct ccaagcacgg acctatgtga ctcccccttt ccaactagggg     2220
ccccacgggt aactggaagg ggctccccag gcacgtgctt ggcccttgta cttcacgctt     2280
gactgtgtgt gtgcccactc cagcgggaac aaagcggatg cagtaggtgt gggtctcccc     2340

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09463725.012100

```

ttccacgatc tcggccctca tgggtccttc cccgatgggct gggtcacctgg gctgtcatat 2400
cctggatgct aatttcaggg attttcaggc tgaggtcaca atgactacca acgttggcca 2460
ctgaaggagc ccgacgcctg cgggtgatgg ctctctttca cccggccctc gcctgtcacc 2520
ttcacagaga aggggctgcc aggcacgtgc tggtcggcaa acttgatggt gatgatgtag 2580
ttccctggct ctggtggggc agtaaggggac cctgcacgtc ccgtcctcca ggtcctctgt 2640
gttgatgtcc accttgctgg ggccctcaat ggacaggctg agcccaccat agcctgcac 2700
gcgggtatca atgataaact ctgcaggctc aaagggtgtg ccttcgtgaa ggccctgacc 2760
agagacccga acacgactgg catccccaat ttccgactgg ctgatcacca ccgggatggg 2820
gctgctggcc acgtgctggc catttttctt cacatgcacc aggtgctccc ccgtctcctt 2880
gggcacgaat gaaatcccca cgtggccatt acgcagccgc ttcagcaaac agggctcctc 2940
ccggcccagag ggcgggacca cagtggccgt cagcaggctg agatccgtct ctgagatggt 3000
gatggggatg tcggcagcag agccgacctt taggtgggac atacgcatgg agtcgtcacc 3060
tgtgacccga ccgggcagca caggcaggta ggacacgctg catgtcccat cctgggtgtc 3120
gctgtagtcc cccggcagca caggcaggta ggacacgctg catgtcccat cctgggtgtc 3180
agtgcagctg atttctgctt tggacggggc ctcaatggcc agagacaggc cccctctctc 3240
tgcaccttgg gtgttgacgg tgaagggtggc aggtctgttc actactccat ggggtgaggcc 3300
aggcccatag gcagtgcacat ggccacagtt gacgtaatcc acatagaact gcaagggggc 3360
tcctgggatg tgcagtgtgt catagcggat gtccatctcg tgcaggccag cctcgctggg 3420
tgcataccgc acggtcacgg tgccgtcttt gttgtcagtg atgggggctg ccgccagcct 3480
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caaggtcaaa gggcctcagg ctggtcacat ccagccatt gacaccacc aggggcctct 3600
ccggggccca agtctgctgg ccgccctggg cgtaggtgta ctgtggggcc agctgctgag 3660
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agccatcagg cgtgcacacg gtgcacgtca ctttgccttt gcctgccgcc ttagtgtcca 3900
cagtgatcac cgtctcctcc ccaatctgaa tgggtggggc gatgccagca cctgtgacag 3960
tgcacttgac cttggacgca tctgtcacat catgcacagg gaccttgaaa ggactgcctg 4020
gcacttgatg gccaccatag gtgacgttga ggctgtaggt gccagcctca taagggatgt 4080
actcgaccga gcagctgccc                                     4100

```

```

<210> 3037
<211> 3428
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3429)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (10)...(2790)
<223> similar to gi5870866 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3037
ggaattcgta cttcatcacc taaaactgaa ggcaagcacg aagaaactgt taataaagaa 60
tcggatatga aggtgccaac tgtaagtttg aaagtatctg aaagtgtaat tgatgtgaaa 120

```


acaactatgg	aaagtatatc	taatacgtct	acgcagtcct	tcacagcaga	aacaaaggac	180
atagcttttg	aacctaaagg	acaaaaacat	gaagacaggc	agagcaatac	acctttctct	240
cctgttagta	ccttttcatc	aggctacttct	accaccagtg	atattgaagt	tttagatcat	300
gaaagtgtaa	taagtgtgag	ctcagcgagc	tcgagacaag	agactacaga	ttcaaaatca	360
agtcttcact	tgatgcagac	atcttttccag	cttctctctg	catctgcttg	tcctgaatat	420
aatcgtttag	atgattttcca	aaaactcact	gagagttgct	gttcatctga	tgcttttgaa	480
agaatagact	catttagtgt	acagtcatta	gatagccgga	gtgtaagtga	aatcaattca	540
gatgatgaat	tgtcaggcaa	gggatatgct	ttagtgccct	ttatagttaa	ttcttcaact	600
ccaaagtcta	aaacagttga	atctgctgaa	ggaaaatctg	aagaagtaaa	tgaaacatta	660
gttataccca	ctgaggaagc	agaaatggaa	gaaagtggac	gaagtgcac	tcctgttaac	720
tgtgaacagc	ctgatatctt	ggtttcttct	acaccaataa	atgaaggaca	gactgtgtta	780
gacaaggttg	ctgagcagtg	tgaacctgct	gaaagtcagc	cagaagcact	ttctgagaag	840
gaagatgttt	gcaagacagt	tgaatttctg	aatgaaaagc	tggaaaaaag	ggaggctcag	900
ttattatctc	ttagtaagga	aaaagcactt	ctagaagaag	cttttgataa	cctgaaagat	960
gaaatgttca	gagtgaagaa	agaaagcagt	agcatttctt	ccttgaaaga	tgagtttact	1020
caaagaattg	cagaagcaga	aaagaaagtt	caactagcct	gcaaagagag	agatgctgct	1080
aaaaaggaaa	tcaaaaacat	aaaagaagaa	cttgccacta	gattaaatag	tagtgaaact	1140
gcagaccttt	tgaaagagaa	agatgagcag	atccgagggt	taatggaaga	aggagaaaaa	1200
ctttcaaaac	agcagctgca	caattctaac	atcatcaaga	aattaagagc	taaagacaag	1260
gagaatgaaa	atatggttgc	aaagctgaac	aaaaaagtta	aagagctaga	agaggagttg	1320
cagcatttga	aacaggtcct	tgatggcaaa	gaagagggtg	agaaacaaca	tagagaaaat	1380
attaaaaaac	taaattccat	ggtagaacgc	caagagaaaag	atcttggccg	tcttcaggta	1440
gacatggatg	aacttgaaga	aaagaaccga	agtattcagg	ctgccctgga	tagtgcatac	1500
aaagaactta	ctgatcttca	caaagccaat	gctgcaaagg	atagtgaggc	acaggaagct	1560
gctctgagcc	gtgaaatgaa	agctaaagaa	gaactttctg	cagcattaga	gaaggcccaa	1620
gaagaagccc	gtcagcagca	agaaacatta	gccattcaag	tgggggacct	taggcttgca	1680
ttgcagcgta	cagaacaagc	ggctgccaga	aaggaggatt	atttacgcca	tgagatcggt	1740
gaacttcagc	agagactcca	ggaagcagag	aatcgaaacc	aggaactgag	tcaaagtgtt	1800
tcatacaaca	caagaccatt	gcttcgacaa	atagaaaatt	tgcaagcaac	cctgggatcc	1860
cagacatcgt	cgtgggagaa	attagagaag	aattcttctg	ataggcttgg	tgaatcccag	1920
accttgctgg	cagcagcagt	tgagagagaa	cgtgcagcta	cagaagaact	ccttgctaac	1980
aaaattcaga	tgtcttccat	ggagtcacag	aattctcttt	taagacagga	aaacagtaga	2040
tttcaagccc	agctagaatc	agagaaaaat	aggctgtgta	aactggagga	tgagaacaat	2100
aggtaccagg	ttgaattgga	aaacctaaaa	gatgaatatg	taagaacact	tgaagagacg	2160
aggaaagaaa	agacattggt	gaatagtcag	ttagaaatgg	aaagaatgaa	agttgaacaa	2220
gaaaggaaga	aagccatttt	tactcaagaa	acaataaaaag	aaaaggaacg	caagccattt	2280
tctgtttcta	gcactcccac	catgtcacgc	tcaagttcaa	taagtgggtg	tgatatggca	2340
ggactacaga	catcttttct	gtctcaggat	gagtcctcat	atcactcatt	tggaaccaatg	2400
cctatatcag	caaattggaag	caatctttat	gatgctgtaa	ggatgggagc	aggatcaagc	2460
ataattgaaa	acctacagtc	tcagctaaag	ctaagggaag	gggaaatcac	tcattttacag	2520
ctagaaattg	gcaatctaga	aaaaactcga	tcaataatgg	ctgaagaact	agttaaatta	2580
acaaatcaaa	atgatgaact	tgaagagaag	gtgaaggaga	tacccaaaact	tagaactcag	2640
ctaagagatt	tgatcaaaag	gtacaacact	attctgcaga	tgtatggaga	aaaagcagaa	2700
gaggcagaag	aacttcgatt	agatctcgaa	gatgtaaaaa	atatgtacaa	aactcaaata	2760
gatgaacttt	taagacaaag	tctcagttaa	cttgtgaaaa	ttgaattccc	atcaaactga	2820
atgtaagcat	ttaatatcta	aacattttaat	gcggacttcc	aataaattct	tttatataat	2880
tatatagtgg	gatttactgt	agagtgtaaa	aattttttta	aaattgattt	acactattgt	2940
gtaatattta	cagttaaatt	attttgtgca	atatttgaa	tttatttttg	aaactattct	3000
ttaaagattt	atttttttaa	gcattcatatt	tttttccttg	aatagcacag	agattttatta	3060
ctttatcctc	atataaatat	ggctagagaa	gaagaatgg	gttcatatat	gtattgtaga	3120
tatacaacta	gttgatatcta	taattttgtaa	gtgtttatat	atatatttaag	aacatttgaa	3180
gagtaattgt	aacatactga	aactttgaaa	tctttcacat	ttaaaatttc	aacatatctt	3240
aattactgct	catgaaaatg	tacatttaagt	gttaaagtaa	aaaattatta	aatctgtggg	3300
ctattaaatt	ttaaactaat	tttttttccc	tttaaaaagta	aggagtcaca	ctggacactg	3360
tctggaaatt	taaaggngtg	gaatggttta	aactnaaaaa	natttttggtc	cggaaatttn	3420
ttttcacc						3428


```

acgagtgtgg gaaatccttc agcagtagct tttctcttac tgtgcacaag agaatacata 300
ccggagagaa accctacgag tgcagtgact gtggaaaagc ctttaataat ctctcagctg 360
tgaagaaaca cttaaagaact cactctggag aaaaacccta tgaatgtaat cattgtggga 420
aatccttcac aagtaactcc tatctttctg tgcacaagag aatacataat agatggatat 480
gaattactgc aggaacttct ggaggaaaagc actcattgat ctttcatccc taagatagtt 540
tgagagagct cacactggat atataagtta tttgttgag cataacaaat gatccccga 600
aattttgtgg cttcaaacac gaaatgttta ttctctaaca atttctacag atcaggaatt 660
caagaacagc ttatctctgt agttacactg caggatctct catgccttta cttacaatca 720
agatgtcagc caaagctata gtcactaac atctttactg atgaacagtc cacttccaag 780
atgacttatt cacatgcctg gaaagttgat gttggttgtt gtcaggggac cttcagtcac 840
taccatgtag gcctctttac aaggcccagc tccttgacaa tttggcaata agttctcgcc 900
aaggtttagt atccaagaga ggaccaatac agaggccaaa atggctttta tggcctatcc 960
tcaggaggac tgctaagctt tcacttatct cctattgtgt tgggtctaca acacaccaat 1020
cctgatacaa tgtgagagac tgcagaaggt atgaatacca ggaaacagat aactcagaag 1080
catctgggaa t 1091

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```

<210> 3040
<211> 881
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(647)
<223> similar to gi2072969 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3040
aagctaaaaa tctcagcata gaagctataa aaagaaacaa gtggaaattg tagcactgaa 60
aatacaataa caaaattttac tggaaggtct caacacaatg aagatgactg agggaagagt 120
cagtaaattt gaagatacat gagcagaaat tatctagtct gaatgacaga gaaaaaagtg 180
aaaaaaatga gaagaccttt ggggatctgt gggacaatat gagacagtct aatattcatg 240
tcttaggagc ccagaaagaa caattggaag aaaaaaatat ctgaagaaat aatagctaaa 300
aacttccaaa catctggcaa aaaacaaata ttacataca ttacataac attctattta 360
aagccggtct gctggcacag caaatcccaa aaaggaaaac cacaccagcag cacatcataa 420
tcaaagtgat gaaaccaact gtaaagaaaa tactttgaaa acaactggaa gaaaacaaca 480
ctttgtatat aggagaacca aagatttcag tgatggcaga tttctcatca gaaaccatgg 540
agcaacattt ataaagtgtt tttaaaaagc aacaaaactg tcaacacaga atcctttatc 600
cagcaaatat attcttttag aaagaaaatg aaataaagac attttctttt ttttctttac 660
tttttttttt ttaataaaaag ggagtctcac tctgttgccc aggctggaat ggagggggggc 720
gatctcagct cactgcactc cagcctgggg gaacagagtg agacttcatt gttgaaattc 780
gtgctccact ccagcaactg ctttcaatcg gagttccatc ctccgcgcga gtatgccta 840
acgcagcggt atcttcagag ctaccaccca gccttccgaa a 881

```

```

<210> 3041
<211> 1796

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (1233)...(558)
 <223> similar to gi5420387 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3041

tggccatctt	tactgtgggc	tgaagcctgt	gcgcttactc	gcgcatgtgc	aagccttccc	60
tcgctttcct	cttccaagta	gccttgcccta	gagcggagcc	tcccgcgcca	tttctgtgcg	120
cctgcgtagc	gtgaccctgc	gcagcctggg	aggcgggtct	tagctccagg	tgcgtagcggc	180
atctgacttg	acgtggccca	caactgaaaag	gtctggggag	aaggcgccgt	gtccgggtgt	240
ggagaggggc	gtcgtggaag	cgagaagagt	ggcccgcccc	tctcctcccc	ctttccctct	300
ttcgaaagt	ggtttctgcg	gggcccggga	gcctcggagt	accgaacctc	gatctccggg	360
gcggggtcct	tggtggggac	tgagcgcccc	ctcccgggga	cgggcggtct	ggccgcggag	420
tcccctgcgg	gagcgtgatt	ggctggaaaac	ggtcccgaac	ccccagggga	gcccgatccc	480
tgggggaccc	tggtctcgga	ctccagtatc	tgtcgtcgca	gggtccctgc	cctagtggcc	540
tatgtccctt	gctcggggcc	atggagacac	tgcggccagt	acggcggcgc	ctctgtctga	600
agaaggggaa	gtgacctccg	gcctccaggc	tctggccgtg	gaggataccg	gaggccccctc	660
tgctcggcc	ggtaaggccg	aggacgaggg	ggaaggaggc	cgagaggaga	ccgagcgtga	720
ggggtccggg	ggcgaggagg	cgaggggaga	agtccccagc	gctgggggag	aagagcctgc	780
cgaggaggac	tccgaggact	ggtgcgtgcc	ctgcagcgac	gaggaggtgg	agctgcctgc	840
ggatgggcag	ccctggatgc	ccccgccctc	cgaaatccag	cggtctctatg	aactgctggc	900
tgcccacggt	actctggagc	tgcaagccga	gacccgtccc	cgccggcctc	ccacgccgga	960
ggcccagagc	gaagaggaga	gatccgatga	ggagccggag	gccaaagaag	aggaagagga	1020
aaaaccacac	atgcccacgg	aatttgattt	tgatgatgag	ccagtgcacac	caaaggactc	1080
cctgattgac	cggagacgca	ccccaggaag	ctcagcccgg	agccagaaac	gggaggccccg	1140
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taccgggagg	gacctcttca	gcctggactc	ggaggacccc	agccccgcca	gccccccact	1260
ccgatcctcc	gggagtagtc	tcttccctcg	gcagcggaaa	tactgattcc	cactgctcct	1320
gcctctaggg	tgcaagtgtc	gtacctgctg	gagcctgggc	cctccttccc	cagcccagac	1380
attgagaaac	ttgggaagaa	gagagaaacc	tcaagctccc	aaacagcacg	ttgcgggaaa	1440
gaggaagaga	gagtgtgagt	gtgtgtgtgt	gttttttcta	ttgaacacct	gtagagtgtg	1500
tgtgtgtgtt	ttctattgaa	cacctataga	gagagtgtgt	gtgttttcta	ttgaacatct	1560
atatagagag	agtgtgtgag	tgtgtgtttt	ctattgaaca	cctattcaga	gacctggact	1620
gaattttctg	agtctgaaat	aaaagatgca	gagctatcat	ctcttaaaag	gaggggctgt	1680
agctgtagct	caacagttag	gccccacttg	aaggggagagg	cagaattgta	ctcaccacaga	1740
ttggaaaatg	aaagccagat	gggtagaggt	gccctcagtt	agcacctgtc	ccatct	1796

<210> 3042
 <211> 2707
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc feature
 <222> (337)...(1052)
 <223> similar to gi5262621 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3042

ccgccagcct	gggctccgcg	cagcccaccg	atctggggcg	ccacaagcgg	ccggcatccg	60
tgtcgagcag	cgctgccgtg	gagcacgagc	agcgtgaggg	ggcagccaag	cgagaaacaa	120
ccgccgccgc	ctgcgcaccg	gggcccggcc	gacagcctgt	ccaccgcggc	cgggggccgcc	180
gagctgagcg	cgaaggtgc	gggcaagagc	cgcgggtctg	gagagcagga	ctgggtcaac	240
aggccaaga	ccgtgcgcga	cacgctgctg	gcgctgcacc	agcacggcca	ctcggggccc	300
ttcgagagca	agtttaagaa	ggagccggcc	ctgactgcag	ttgcaagaac	agcaaggaaa	360
aggaagccct	ctccagaacc	agaaggtgaa	gtcggggccc	ctaagatcaa	cggagaggcc	420
cagccgtggc	tgtccacatc	cacagagggg	ctcaagatcc	ccatgactcc	tacatcctct	480
tttgtgtctc	cgccaccacc	cactgcctca	cctcattcca	accggaccac	accgcctgaa	540
gcggcccaga	atggccagtc	ccccatggca	gccctgatct	tagtagcaga	caatgcaggg	600
ggcagtcatt	cctcaaaaga	tgccaaccag	gttcactcca	ctaccaggag	gaatagcaac	660
agtccgccct	ctccgtcctc	tatgaaccaa	agaaggctgg	gccccagaga	ggtggggggc	720
cagggagcag	gcaacacagg	aggactggag	ccagtgcacc	ctgccagcct	cccggactcc	780
tctctggcaa	ccagtgcacc	gctgtgctgc	accctctgcc	acgagcggct	ggaggacacc	840
cattttgtgc	agtgcgccgc	cgtcccttcg	cacaagttct	gcttcccttg	ctccagacaa	900
agcatcaaac	agcagggagc	tagtgagagag	gtctattgtc	ccagtgggga	aaaatgccct	960
cttgtgggct	ccaatgtccc	ctgggccttt	atgcaagggg	aaattgcaac	catccttgct	1020
ggagatgtga	aagtgaaaaa	agagagagac	tcgtgacttt	tccggtttca	gaaaaacca	1080
atgattaccc	ttaattaaaa	ctgcttgaat	tgtatatata	tctccatata	tatatatata	1140
caagacaagg	gaaatgtaga	cttcataaac	atggctgtat	aattttgatt	ttttttgaat	1200
acattgtgtt	tctatatattt	ttttgacgac	aaaaggatat	tacttataaa	gacatttttt	1260
tcttttgtaa	acgttattag	catatctttg	tgttttatta	tcttggtgac	agttaccgtt	1320
ctatgtaggc	tgtgacttgc	gctgcttttt	tagagcactt	ggcaaatcag	aatgcttct	1380
agctgtattt	gtatgcactt	attttaaaaa	gaaaaaaaaa	gccaaataca	ttttctgaca	1440
ttgtaagatt	gccttactgt	ctgtcattcc	ttattgctgg	cccttttctc	aggccggagg	1500
ccaagtgggtg	gagaaggaaa	ggaaatgatc	gaacgggcat	gttgtcaagt	gggcatgcca	1560
ctgggaaata	ccaccagttt	accctgaaac	attgtcctca	gaggagtagg	aaaggggatt	1620
ttgaatctct	attttgctca	aaagttcagt	tcctgagata	ctgatgactg	agagtgcctg	1680
tgggaaattt	tcaggattgt	gtggctcttt	gggggttttt	gttttttttt	ttttaaaaaa	1740
aatttgaccg	ttgttcactg	tcccacgtga	tcagttgtaa	gattacaatg	ctgcatgcta	1800
gtgggttaca	taaaaaacia	ttccagtgat	ggaaggcggt	tataatggat	ggtggtgtgt	1860
acaagatggc	actgccatct	ttgagcagag	cccagctctg	cagcgccact	tcatcttttt	1920
aaacacccta	taggtctgtt	tgttggttgc	gttgtccttt	attttgaaag	agttgcaaga	1980
gaagttacag	tccaggtgaa	cttgagagatt	gtgggattgg	ttttgtttct	gttttgtttt	2040
gtttatcatt	tacctgtagt	gctattgctg	ttgatactat	cacctatacc	ctgtttctag	2100
tgagtgtctga	atacagtatg	gtacaatgac	agtaacagcc	gcgtgggtgt	gccaggactg	2160
cccttgggca	tatcagtgcg	agcccaaatg	tgggtggagg	aaacctgtaa	tttccttctt	2220
aacatgtgtt	tgaaatacca	agtgaataat	actgttcttg	aaaaaatga	taaactagt	2280
gaaattaaag	aaattaaggg	ttttatataa	tagacaggcc	ccacctctca	aaatatTTTT	2340
agaagtcttt	ttgtaaacta	atttcttttg	atcactattt	tgcatcagta	aaatgatttt	2400
tttaaaacca	ataaatcatc	aattattaga	aatagttgtc	tcacagggat	actggttttt	2460
cttttgggct	gttatgattt	aacattgaca	ggaacactat	tttaaatcct	tacgttcagg	2520
tgtttgtaac	ttggccttat	aattaggctg	aattatggct	tcaaggctca	caatttatgt	2580
gtatggttca	cagcctagct	ttctatttac	atttgaaaaa	acagattttt	accaactttg	2640
gattcttttt	taggtatatg	gttgccctttc	ctttttaaat	tgttcaaaac	tatttttttaa	2700
tggtcag						2707

004875.5228460

```

<210> 3043
<211> 1233
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1234)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (863)...(493)
<223> similar to gi3877572 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3043
tttttcaaga acccaattta atcagattta cgagggggaca tgtacaaaaa acacccgaac      60
aatgcagaat tcatcgcaag actagggact gaatctggaa ggtagagtcc ccgccccagg      120
gaggggcccc gcggtgttga gatctcaagg ttttttccca ctgattctct aagtcttggc      180
cttatctaac acatgaaacc aaaccccaca actgaggcta agatttaaga gctaccacaga      240
gctaaatttt cccctcccca agcctccctg ctctagaagt ggaagggaaa gaaggggaga      300
gactatgaac ctaaggagag tggagcctcc agcaccaccg gacagggact gcatagctgt      360
ccgacaactg agctcctcct gcctatctgt ggccaaatgc cctccatggt tgcaggcagg      420
ttggccaaca ggggacaggg aggggtgggg gaggcagagg ggtgccccaa acgcccctgga      480
gaggccgaag ggaggagggg cagcactgga ggccccattc ggacttgctg ccacgggagt      540
caccactgca gggggccgat gtcagctccc agctcctctt ccttttagctg gaagggcttc      600
actggccact tcaccctgat gatgggctcc acgtggtcct gaaggcgggtg ccgcttcata      660
tgggcatttc gactcttgat cttgtcaaac accctttcac actctctgca tggaaaaatg      720
ccctggctct ctgcacttcc caacagctcg ggggtccgct tggagcctgc atttgggctg      780
gagctgagga tggactccct cctataactc ttgggtcttta acttgggagt tggatggtgg      840
ctgggtctct cccgagggct gcatgggacc ttttcctctg tcctttccac ttctccggc      900
tctctcttga ccctcttttc tagccctggg gctcggccac agtcaaaact gatcattttt      960
ttccagatgt aataatactc aacgcactga gctaccgtct ttgtctggat ctagtgaag      1020
aaaacaagca ggctgtggct gtgccacgcg ggccctggga gtgtgacctt gccattgggc      1080
cggccgcctc ctttggaag cctccggaa gcacctcttc ctttggttg gcgttaccac      1140
tcaccacaaa ggcacaggac cagaattcca ccacntggat agtggactca caacnctnn      1200
nntaaggtct acgaanttnt cttnnngggc ccg                                  1233

```

```

<210> 3044
<211> 1191
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1192)
<223> n = a,t,c or g

<220>

```

<221> misc_feature
 <222> (931)...(358)
 <223> similar to gi5102812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3044

```
cgccactgct agaaagcagg gtttgaactc cagctaccac ggtctgtcgc cggagttcct    60
gcgttgacct cagataatgt aaagcttgtg taagatgctg cgggaattcc agatcgtttc    120
agtgactatg gcccagaac actgacagag gtcccctccc caccatggca ggatctgagt    180
gcaacaggag gctcccaccc actcccaggg cccacaggc acagccacag ccacttctga    240
ccctttattg gggcactgtc ggccccaat aaatataata cattaaaccc agagctgagg    300
gaatcgtgca cccaggagg cgccccccac aacctcagcc gggcaaaata agttagtggg    360
gggcctgcca gaggccgggc cagctccctg gtctaaagt catctcggtt cccgtgggga    420
ttccgtggtc cccacgtctg cacagcccct ggttgggccc tcgggagggg cgggtgggag    480
atgcctggcg ctcacaccgt gccagcagt gccgccagg ctctgtgtgt ccatctgtcc    540
atgtggggga acagctgcgt ggccggggtc ctcaggaaaa gctgtcatcg ggccggggct    600
gggtgtcaaa gggagggtct gagactgtga tgccttgggt cagcttctcc agcgagaact    660
tcatctcatc caggagctcc acggaggccc gcaggatctg cctccacttg tgcacctcca    720
cgctgtggaa ttgcttctgc agcgccagga tctcggccca ctctgtggcc gtctggggga    780
acttgccctt ggccagggcc aggtgtgtgc aggactcaaa ggtgtgggct gtcctttcca    840
gggaccagag gcggtagaag agcaggacgt tgagggcgat gaggatgata aggtgggga    900
caggggtcag aggtcaggat tcctggggtc tagatgctct gaacaccccc aaacaactac    960
atcttgtagg gacacctcta tccccattg cagaggagga gaattaggct cagagaggat   1020
gagagacatg cctagggttg cacagtccat agcagggaag tcagtgttca aaccagggtc   1080
tgtctgatgc ccataccctt gactgccatg ccaggccacc tccctggggg agctggaggg   1140
catggggtgg ggagaagagg cgaatgccnc cncaatggct atcagtcgca t           1191
```

<210> 3045

<211> 1406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(870)

<223> similar to gi2887429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3045

```
ggaattcagc ggccccgggc acgcgcgcgc gccaccggcc cggcagggtgc tgtccttatt    60
cccagcccag tcaagagcta ccggggctgg ctagtcatgg gggagcccag tagagaggag   120
tataaaatcc agtcctttga tgcagagacc cagcagctgc tgaagacagc actcaaagcc   180
ccgtctcttg aatgcacagt tgctgtcttt gagacagaag atggagaata ttccgtttgc   240
cagaggagct atagtaattg ctctgccttg atgccttccc gctgtaacac gcagtacaga   300
gatccgggtg ctgtggactt ggagaaagtg gccaatgtga ttgtggacca ttctctgcag   360
gactgtgtgt tcagcaagga agcaggacgc atgtgtctac ccatcattca ggcagagagt   420
aaacaagcag gccagagtgt cttccgacgt ggactcctca accggctgca gcaggagtac   480
```

```

caggctcggg agcagctgcg agcacgctcc ctgcagggct gggctctgcta tgtcaccttt 540
atctgcaaca tctttgacta cctgaggggtg aacaacatgc ccatgatggc cctggtgaac 600
cctgtctatg actgcctctt ccggctggcc cagccagaca gtttgagcaa ggaggaggag 660
gtggactggt tgggtgctgca gctgcaccgg gttggggagc agctggagaa aatgaatggg 720
cagcgcatgg atgagctctt tgtgctgatc cgggatggct tctgctccc aactggcctc 780
agctccctgg cccagctgct gctgctggag atcattgagt tccgggaggc cggtggaag 840
acaacgccag ctgccacaaa gtattactac agcgaagtct ccgactaggc ctccagatca 900
gggcttcctc accagcactg gcctttcttc taccacctc taaagctggc agtggagtct 960
ctgcctcacc caaagacttt tcccttccag actttgagtg tcttcccttc tagactttcc 1020
catctcctgg tgagatgttt cccacttatg ccgtggtcct gccctgagcc cctttcccca 1080
ccacaaccca ccacggccag gcagagaagg gcaactcca agagccactg cactgtgtaa 1140
ccattagtgc aactactacc ttggtgcctc agtttaccca tctgtaaaat gggtaagcat 1200
agccactggg gggatatttt gggatgtcaa ggggtggagg cagagcacia gtcacaccag 1260
aaactgcttt ttatacattt tgtataagga caactctgga aacaagccta tttcctccag 1320
ccagtttcac tgaatgctgc accacatgct acaccagttc agcgtgagaa ttttctaata 1380
aatcttttct gatactaaaa aaaaaa 1406

```

```

<210> 3046
<211> 2408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1336)
<223> similar to gi4650844 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3046
cagtgcggag gaattcgaga gccagcaggc cagcgtgacc atgcacgatg tggacgccga 60
gtccttcgag gtgttggtcg actactgcta cacgggtcgt gtgtctctca gtgaggccaa 120
cgtggagcgc ctgtacgcgg cctccgacat gctacagctg gaatatgtgc ggggaagcctg 180
tgctctcttc ttagcccgac gtcttgacct gaccaactgc accgccatcc tcaagtttgc 240
agatgccttt ggccatcgca agctgcgata ccaggcccag tctatatag ctcagaactt 300
caagcaactc agccacatgg gttcaattcg ggaggagact ctagcagatc tgaccctggc 360
ccagctgctg gctgtcctgc gcttgatag tctggacgtg gagagtgagc agacagtgtg 420
ccatgtggca gtgcagtggc tggaggctgc tcccaaagag cgggggtccca gtgctgcaga 480
agtcttcaag tgcgtgcgct ggatgcactt cactgaagaa gatcaggact acttagaagg 540
gctgctgacc aagcccactg tgaagaagta ctgcctggac gttattgaag gggccctgca 600
gatgcgctat ggtgacctgt tgtacaagtc tctggtgcca gtgccaaaca gcagcagcag 660
cagtagcagc agcaactctc ttgtatctgc agcagaaaaa ccaccccaga gactgggtat 720
gtgtgccaaag gagatgggtga tcttcttttg acaccccaga gatcccttct tctgctatga 780
cccttactcg ggggacattt acacaatgcc atcccctttg accagctttg ctcacactaa 840
gactgtcacc tctcagctg tctgtgtgtc cccagacatc gacatctatc tagctgctca 900
gccaggaaa gacctctggg tgtataaacc agctcagaat agttggcagc aacttgca 960
tcgcttgctg tgtcgtgagg gcatggatgt ggcataatctc aatggctaca tctacatttt 1020
ggggggacga gaccctatta ctggagttaa gttgaaggaa gtggaatgct acagtgttca 1080
gagaaaccag tgggcattgg tggctcctgt cctcattcc ttctattcct ttgaactcat 1140
agtggttcag aactatcttt atgctgtcaa cagtaagcgc atgctttgct atgacatctag 1200
ccacaatatg tggctgaact gtgcttctct taaacgtagt gactttcagg aagcatgtgt 1260

```



```

cttcaatgat gaaatctatt gtatctgtga catcccagtc atgaaggtct acaaccacgc 1320
taggggagaa tggaggcgga ttagtaatat tcctttggat tcagagaccc acaactacca 1380
gattgtcaat catgaccaa agttgcttct catcacttct acaacccac aatggaaaaa 1440
gaaccgagtg acagtgtatg agtatgatac tagggaagat cagtggatta atataggtac 1500
catgttaggc cttttgcagt ttgactctgg ctttatttgc ctttgtgctc gtgtttatcc 1560
ttcctgcctt gaacctggtc agagttttat tactgaggaa gatgatgcac ggagtgaagtc 1620
tagtactgaa tgggacttag atggattcag tgagctggac tctgagtcag gaagttcaag 1680
ttctttttca gatgatgaag tctgggtgca agtagcacct cagcgaaatg cacaggatca 1740
gcagggttct ttgtaaatag tattttgaga cactaagatg tttctactgc tacggaatgt 1800
attttaaaca catatcgttt ctttttcttg gaaaaaaagt tgattaggac cacagatttg 1860
gttttagaaag ggtaatat ttgaaatacta caaggttttag acagtcctatg aaatcgacct 1920
gtttaataat ttaccatcct gaaagtcctag aattaaaata tggaagcaag aactatataa 1980
ttgattagga tgcttggtag gtttttttca ttgttcaaat attcattgca cagtggattg 2040
ttttgattag ttagtatgct ttttttttaa ttaattcagt ccttcctggt aatttttaag 2100
ttttggttag tgccacaag gaatttaacc ttttgatttg tataatagaa aactgaacct 2160
aggaattgtt agccggggtt ttgaaggatg tgtacctttc ctttcaaat aaagtggtag 2220
attttcaaaa ttttactacta gtcagttctt tatattacta agttaaatgg tagtttggtg 2280
aaattatttt gggttttctt tcctacaaag gaaaaaattg gatttatata tataagggtt 2340
ctgcataatg atttcatttt gataatgtgc agaatggcct cataagctca cagaaagtaa 2400
aaaaaaaaa 2408

```

```

<210> 3047
<211> 733
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(506)
<223> similar to gi2370153 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3047
ggaattcctc gagccgccac gatgtccoct gcgctcctgt cccctcccgc gtagagcttg 60
cctttgttcc aggaatagcg ctccaggtct ctgctgccgc ccctgggcct cactctggag 120
cgggctgcct ccgccctctc gtgacagctc agccctccc atgcacattt ggacgctgtc 180
ctgcgctcca gttgcacaaa gctgagctcc tgttacacac tgacagacca ctgacagccg 240
ccgctgcca cccctctct cctcaccaga cttccagacg actacatcat gctgccaca 300
gacctgcgct gccactgcca tgcacatcca tgcattcca ccgacagact gctgcttcta 360
gtgatctgta ctacactcgg aggtatctgg gctggacaca gcccctggac aatgatccag 420
acagctggct gccctcaag ggacctgtta cttcagcga gacctttc ctcccaatc 480
ccagagactt tttgtgctcc tgccacatgg ctgccaggc tcagttgtgc ctggcagcca 540
aatcgagtct ctcatcttct cttgtggacc agttagtttt gcccagaatc catttctctt 600
ctgaatttgc agcatcttct caggtgcttt ttgatcaaca aaataacttg tatcttctgc 660
ttaactcctt tatactacct ggagaaaagt attttccata ttttcaataa atgtcagaca 720
ctattgagaa aga 733

```

<210> 3048
 <211> 727
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (33)...(579)
 <223> similar to gil620403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3048
 ctccctgggac ctgcactgga ggtagtggtcc aacctgtgcc cccagcaagg caagccgggg 60
 agggagacgg gagccgggtg gccaggggt cctgtgcttg gaggggggga gggtgggact 120
 ctgcagaggg cctgaggggc aggaacggga agatccctc ctcaagttat ccacctgagg 180
 gccccccgca gtgccctcct cagcctcact ttgttctgcc caggggattg gccgtggacc 240
 atgaggtttg gaacagaaag cctgcccctg gtttcacgct cagcaagtgc cttctcctgt 300
 aggaacccct gatccacagc ttctgtgtct gtgggggtgg ggtggcaatt gtggcccat 360
 ctgcttccca ggacagttac ggctctaagg tgtggtcttg gctgtggtga tgcttgccaa 420
 gacactgccc ggggtgtggc atcagccttc cctttgccc caggacgatg ccctgagtct 480
 ctgttcaccc attgacctgt gcagatgcac aggacacctg ggtggggccg tggggacacc 540
 aggatgagtg gccatgtgtg tgccctgcaga ggggtggtgt ctcagtgagg agaaggcctg 600
 ggagccggct ggaagtaggc tgctggggcc cattgcaggg gggaccgcgc cgtgatgcgg 660
 cttgcagggg ccccggggca gcggggctgg ctctgctgac gccacatgg cctgggcccc 720
 acgtgga 727

<210> 3049
 <211> 1148
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (182)...(751)
 <223> similar to gil56250 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3049
 agagtgtccc cctgtagacc tgtagagtg ctggaattcc tgcagtaaata gcacaacccg 60
 gacggaagt cctctccgac agcagatcca ggctcggagc tccagacgct gggacaggcc 120
 gcccgagac ccccccgcc gcgcgcggga cagcagccc cccgcaggac acgcccata 180
 gcccgaaac ccctgagctg cttctcccg aggcgatgc ccacccggga gccccaaaag 240
 actcgcggct cccgggggca cctgcatact caccgcctg ggccctgggc cccgctgcag 300
 ggactggcg cccgaggcct caaaaccagc gcccccgcc ctccgtgcca gcccagccg 360
 ggacccaca aggcaaagac caagaagatt gtgtttgagg atgagttgct ctcccaggcc 420
 ctccctggcg ccaagaagcc tattggagcc atccctaagg ggcataagcc taggccccac 480

caaccaaata caacttccag tttccttgaa aaaaaaaa

1538

<210> 3051

<211> 2780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(896)

<223> similar to gi666095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3051

gcggggaatt	agctgggcca	cgtggaggag	gacaggtggt	ggcgtgttc	gtggtcacct	60
tcgacccccg	ctcggaac	atggtagaat	ggtgcttacc	tcaagatatt	gaccttgaag	120
gtgttgagtt	caagtctatg	gccagtgggt	cccataaaat	ccaatctgat	ttcatctatt	180
tccgaaagg	gcccttcttc	ggcctggcct	gctttgccaa	catgcccggtg	gagagcgagc	240
tggaacgtgg	cgcgcggatg	aagtctgtgg	gcaccccttc	tccctcctac	acactgcttt	300
accgtacat	gcacttcttg	gagaaccagg	ttcggcacca	gttgagatg	ccaggacatt	360
actctcatct	ggctgccttc	tatgaggaca	aaaagggggg	gtcccatgct	ggtcccgcca	420
gaggcagcag	cctgccccct	gtctactggc	tgccttccat	ccaccgatac	atgtaccctg	480
agatgaagat	cacacacca	gctggctgca	tgtctcagtt	tataaagttc	tttggaagac	540
agatcctcat	cctctggaaa	tttgcccttac	ttcgaaagcg	catttttgata	ttttctcccc	600
cacctgtggg	cgtggtgtgc	tatagagtgt	actgctgctg	ctgcttggtc	aacgtttcac	660
tgcctggcat	cgggggcacc	attcctgagt	ccaaaccttt	cttctacgtg	aacgtggctg	720
acatcgagag	cctggaggta	gaggtgtcct	atgtggcctg	caccacagag	aagatattcg	780
aggagaagcg	ggagctgtat	gacgtctacg	tggataacca	gaatgtgaag	acacaccacg	840
accacctgca	gccgctgctg	aagatcaaca	gtgctgacag	ggagaagtac	cgcgggctca	900
acgagcagag	gcagatgctg	ttgtactccc	aggaagtaga	agaagactac	aaccttgtg	960
aagaggacct	cttcgtgctg	tgagtccctg	ggcgtggat	gtggagtctc	cctgaggatc	1020
ccttcggcac	tgagtgcct	gcacccctcc	catgtcattc	actgcggggc	agggatgccg	1080
tttattgctg	ccaagggcac	ttagagccgg	gctccttaca	gaggcaaacc	tgagccctga	1140
aatgccatta	gggggaaccc	agaagactta	gggaagaag	caggtccctt	aagagaaaac	1200
aggagtctta	gtgtttcttt	ccttggttgg	cttttacatc	gaggatgtcc	actgcctgga	1260
agctctgtct	gtccctcagg	actcagggac	ttctcatttc	cattgcctcc	tttgaataga	1320
gtagttcctt	gcgctgaata	ttatgggata	atctgaaatt	ttaattcttg	aatcaaatga	1380
aatctctttg	ccccgtaggt	gcagaagcca	gggcctttcc	acctcacagt	actgatttca	1440
ttcctagaca	gctgggtgaa	gtagccttct	gtggcatcaa	ctgaattctc	ccagcttccct	1500
gtttgggtctt	ccaggggtga	ggttgtggtt	tgatgctgaa	aacttaatgt	gggcatttct	1560
acaaaggtgt	agcaccttga	ttctaatagt	ggacttccta	aaacctacat	cctgttttagg	1620
tggaaagtat	ctgagacttg	agcacagcca	tagtctcctc	caggtatgac	atgtgccact	1680
gtgtctgaaa	ttcctgagca	ccgaggggcc	cttcaggcac	caggcacttt	gccaacctga	1740
gagctgtatg	gggctggact	gtctagtcta	actaggcagt	gaacctgtc	ctgaacagag	1800
cttgtttggtt	cataaagcac	tctaaagcag	tgacttttaa	atcttgatct	gtgcataatc	1860
tcaactcctcc	ccaaagagtc	atccaaggga	gagcaaaaca	cccaagggtg	acggttggtc	1920
cacgggttcca	ttttgttggtt	ggttgttgaa	tttttgcttt	cctcctatga	cttaagcaga	1980
aagagggaaa	agcagtgttt	ggggggcctc	ttctcaggct	gtgtttaaaa	cccagggtcac	2040
tttcctcaa	caggaaaatg	gattttgaca	ggccatcttg	cttagagatt	tccctaatac	2100
caccataatt	aatgccaaat	ggtttctttg	ctaaccttag	tagcacttga	ataattaact	2160

ggctctgctc agcccttgct ctcgtccagc ctcgtgccaa gcgtgg

1606

<210> 3053
<211> 1338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1339)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1338)...(351)
<223> similar to gi2894086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3053

tgccatacat	tcattgcatgg	tcagctctga	gcccctcagg	aatagaaggg	ccttccat	60
aaaacagctt	acacctggag	acaacaaaca	ccaagaaaca	tgcaaacact	acagagaatc	120
tgatgtgaa	gaagtcatat	tttatattga	tgagggtgct	gttagaaaat	gttgatggat	180
ggcttcgggc	actcatgcta	gtctaaccag	aggggcctgt	gacgggtgtc	gcttctcttt	240
caggattccc	agttgtttct	gtgtcaggca	ctaagcaatc	tggcggcttt	tggtcctaat	300
gggtatttta	gttgtctttt	tgcacctttt	aatccctctt	cgaagagtca	agttcaaatg	360
ctggaaaccg	tgatgtctct	gggtcccagg	catcagagag	aaagtgaata	gcgccagcca	420
tgctttcaaa	gagcgaatag	gggtctgtcag	gaatgcggca	cccgtgtgct	ccgtaatacta	480
gacaccactc	tgcaaaactg	caagctcggg	agagggtact	cttatcctgc	gtgagacggg	540
aaagggacag	gaaggaatag	ccgttgccag	cagtcccatg	gcatatccc	tagcccttcc	600
gcagcaaacc	tcgttgccaa	atcacatcgc	tacactccat	ggcctctttc	aagtacttct	660
cctccttaaa	gaccttgtag	gcctgcatga	gcatgtggat	gacccccggg	gcgcggtggc	720
accagtgcac	cagccgggtct	gtttcattgc	ttaatgatga	tgggtaattc	ccagatcgga	780
atTTTTTgtg	gcgcacataa	tcaatactgg	gtttcaccat	ttctgtcaag	gtttcttggt	840
ccacttttgc	tgcgggctgc	attaacatat	agtaaattcc	agccatgcc	tgggctgctc	900
caacgtactg	cttcgggtgc	cactggtaca	acagcgggca	gcgctccgtt	tttctttctt	960
cccttgacaa	agtcttacct	gattcaataa	tagcattgac	tacctcttta	atagctgact	1020
cacacacggg	gcctggacct	atctctgtgt	tcagggtacag	taaggcatac	agataacctg	1080
cccgctccata	aagcagctca	tcagggaagg	ctgattcttg	gcaaacaacc	gatctctgga	1140
gctgcaaaaag	tttttgtgga	cacattcctg	gggggactca	cagtgcactt	tttgagtttt	1200
gtggataaaaa	tcacagggtc	caacaggcca	gggggggccc	agcattcccc	acagagggaag	1260
gttgancccg	cgggccttcc	agatttccna	agtgttttnt	tttttacgta	attcnggggn	1320
ttcggagcag	gntagggtt					1338

<210> 3054
<211> 1673
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(498)

<223> similar to gi5114351 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3054

gcggccgcg	cgccccgcg	cgacggcccc	gccagcgagg	ccgcgctgca	gctgctgtgc	60
cgcgccgacg	ccggccccgct	ctgcgcccgc	tgccgtatgg	ctgcggggccc	cgagccgccc	120
gagtgggaac	cgcgctggag	gaaggcgctg	cgcggaagg	agaacaagg	gtctgtggaa	180
atcatgagaa	aggacttgaa	tgacgccccg	gacctgcatg	gccaggcaga	gtcagcagct	240
gcagtgtgga	agggacacgt	gatggaccgt	aggaagaagg	cactgaccga	ctacaagaag	300
ctgcgggcct	tctttgtgga	ggaggaggag	catttcctgc	aggaggctga	gaaggaggag	360
gggctccctg	aggacgagct	ggctgacccc	actgagcgg	tcaggctcact	gctgcaggcg	420
gtctcggagc	tggagaagaa	gcatcgcaac	ctgggcctca	gcatgctgct	gcagtgatgg	480
cgccaacccg	tggcagtccc	agagctggag	gcaggaggat	ggatcctcat	ctccatggga	540
agtgtcagcg	tgtggctgcc	agggaaagcg	ggcaggcgcc	tggccttggg	tccatctaca	600
tagttgcgtg	tttcaacaat	gtccatttat	ccttcacccc	gaggcggtgt	ttgggggctg	660
caaacacctc	ccggtagagg	ctggacctga	ggacccttcc	cacctgtgcc	cgcccttcc	720
tgaagtccta	gccacagccc	atcctccatg	agtcccggca	gctctgggtc	atgcccttcc	780
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gggcccacag	atccttggca	ggtacctgag	gtgcaccatt	gagtgtcga	tttgggggta	900
gcatccagaa	agaagaatgc	gcatgacgct	ctgtgaaggc	tggaaactcag	gtcttcaggg	960
agagaaagga	agactggatt	gcaccttgat	gcctcctgag	gaggcgggccc	ccctcttgag	1020
gtgggcgtgg	gcccggccca	gccttatcca	agtgcgtctg	tccacctccc	ccttcctggc	1080
ccccacccca	ctcctgtgcc	tcccaggagc	cctccctgtg	ctccacctgc	ctccgcagaa	1140
ggaagcctct	ttctctgttt	ccctgggtga	gggggctggc	aggtgggctaa	ccccatttag	1200
catctccagg	ccctgccatc	gtgtctcatc	ttgctgttat	ctctagctct	ttccctcctc	1260
ccatttcctt	tagtagttga	atcttgcaaa	gcttgtagca	gtagctcagt	tgccctgcagc	1320
atccttgtgt	gtagataaat	tagtcgacag	aaactcagca	ctgggggacag	gattgcaaag	1380
tcggggacat	agatgcagac	agttgttgag	atctggggat	agccgggctt	gtgagcggtg	1440
cccatttcca	gatgaagcct	ttcagccctt	ctgagtcccc	ggcccttggg	gcgatgtctg	1500
tgagtttgac	ctgcccagcg	tgtgggctgg	ctcaatgctg	aataaagtgg	gtttgtgtca	1560
gctcgtttgc	ttcgtctccg	tgtgtccacc	tggcctcttc	cccctgccct	ggccaccctc	1620
cagtgtcaaa	ggaaacttcc	tcgtgacacg	tgctaaagca	tggtagaggag	gac	1673

<210> 3055

<211> 1009

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1010)

<223> n = a,t,c or g

<220>

<221> misc_feature

09439725-012100

<222> (83)...(851)
 <223> similar to gi6684 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3055

ttttttgctg	atataaaaaa	tagtggcacg	gcacttttta	ttctctttaa	tcagaaaaat	60
aagccctgcg	cttctgggat	ggaggcccca	ggtgagcacc	ggaggaagg	gcccgggtgg	120
gtggggagcg	agggggcccg	gaggccaaag	cagatgctgc	accagaggct	ggtcagaacc	180
cgggagggcc	tgcgggggtg	gggtcctcat	gagcaagtgc	ggggtgctgg	aggtcaacaa	240
ctgcctggcc	tgggagccag	ggacacccat	ccccttcctg	acacctgagg	cggcccagct	300
gggcaagacc	aggcctgcag	gaccagagcc	tcctgtcacg	tggcgagg	gtccagggtg	360
tcaacgctgc	tctctggagg	accactgggt	agagcctgcc	cagctccct	gaggtctgga	420
gacagtcaaa	gcccccccaa	acaccccctc	ccttttgggc	gagtggcgtg	ccttggtactc	480
cagaagactc	gagtggggct	gccttgagac	caggctcctga	gggggtggca	acacctgacc	540
acagggtggg	gccgtggaag	gggcagggat	gggcccagg	gtagccttgt	agtgtgaggt	600
gtgcccagcc	acatgtaggt	caacagccag	acgggacgct	gcaggggact	gtggggaagc	660
cgggagaagg	cgctgcccac	cctgtgggg	ccccctcgcc	tggagaccct	gcaggcaacc	720
cttcagtgca	tgccacggg	ggtggtggag	gcagagtcct	gagagggtgg	ggtgggagcc	780
tccgggtccc	ctgcagggtc	tgacccacca	gatgggcca	tgtgccccct	gtagcttggg	840
ggccctggag	gtggacacca	gcacctcctg	actaccagg	ggagggcctg	gactgaaacc	900
cacaccttca	ccattccgcc	actgggcca	tctngcagga	actgaggcac	cccacagatc	960
cttcatgccc	aanacgccac	tcaactctac	acctcttgca	cacatgcaa		1009

<210> 3056

<211> 2535

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2464)...(459)

<223> similar to gi458888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3056

tttttttttt	ttcacacttg	gccagtttat	taaaggcagg	gagcttcggc	aggggtccaaa	60
agggagaagt	tgggagatgc	cccctcctca	gctccctcct	tccccaacaa	ctcttctaca	120
gccagcccc	cagggccag	aggcagggt	ggcgtcaggc	agactgtact	gcataaatac	180
gtggaggcca	cagcccgaat	cagcagcgtc	agggggcagg	gaaactgggt	ttgggatgag	240
aagtgggtgg	ctctgggggc	acgtccccca	gtgcttgtcc	agagcccagg	gaccacaga	300
gccagagagg	ggaccagtgg	gccagcttgg	ggtctggcta	cggccagccc	tgccagcga	360
ggctggcagg	tggctctgg	tttgggggag	aagtgggggtg	gggtgtggcc	atgccacggc	420
ccacggggac	aggggtgggt	cagggtgctgt	tgcctgtctc	ctgttcaaag	agtagcatgg	480
ccagctgggt	tgggagccg	aggccctcaa	gcacgctctg	gaggcagcgg	tggtacaggt	540
cctcactgag	cctcgcgctg	cacgtctggg	cccggtagcg	ctgcagcagc	gccggctcca	600
ccgcccgcag	cacatgcaga	ctggagaagt	ggaggaacag	ctcgtacaca	tccaggctct	660
ccagcagctc	ctcttcttgt	tctgaggctg	ccgcccaggc	cccacgggct	gccacgtagt	720

cgagattgta	gaagcaggcc	tcgctggctg	cctggcgatc	aaagcggcca	gtgtcacggc	780
ccagctctgg	gggcccaggc	ccttgtggtg	gggccacagc	tgggtggaag	gcttggaat	840
gcatgggaaa	gaaggcctgc	cagccggaga	tggcatgcat	gcggcagcgg	ttcagggaagt	900
caggcgtgag	caccgtgtct	ggcccggcca	gcaggaacag	tgtgtccagc	gggtgcttct	960
tggagagtag	atccatgagg	cgagtggtg	aggtgcggc	tgtctgcaca	ctgagccatg	1020
gcacccgggc	accggggaaa	cgccgctccc	agctctgcc	catgggcctt	gacaggtgcg	1080
aagacatctg	ccatgggcca	cgcgctgggc	cctggcgcg	ctccatacaa	ttagcaagcc	1140
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aagccagggg	cccaggtcac	gttcagccgc	agctagaggc	agcagcacag	tgagacgtga	1260
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cactcggcga	gtgagggggc	ggcggcctcc	ctggggggtc	agtgcctcca	gctgcaagtc	1380
cagcgtgtat	tccatacccc	gggcccgatc	aaagcgtcgg	tagccattca	ccagctgctg	1440
cttctggagc	cgcaaggccg	ggtggtagcg	gcggttcagc	tcctctagag	ctgtccccag	1500
aacatcgggc	acatcagccc	ggtcagcccc	acgcagtggg	cagcgggggtg	agccatcggc	1560
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cagatggctg	gtattctgga	tctcccactg	taactcctgg	atctcctggg	acgtgcgttc	1740
cagttcagct	cgggcgaaag	ctttgtgcag	ctggtacatg	tgcacagggt	cacgcacagg	1800
gtgggctgtc	agggcacttc	ggaaatgagg	gtccccctcc	tgcactgggt	ccccagggtc	1860
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atcgagaatg	cagcgaccca	gccactcgtc	agggcgcgca	ctgacgatgt	cgttgcggca	1980
gccttccagg	tggggggcgca	gttgttgca	cagcatgcgc	gacagcagca	ccccaaagcc	2040
tccgtggcag	tagcggccgg	gggtgggctc	tccgccgatg	aagtcctggg	gccggcccag	2100
gtacaggtgg	gcggcgagg	ccaggctgag	gtggcaagtt	aggcgtgcc	ggccgtgcgc	2160
ctcgtgtag	gtggtgtcag	gcaccaggaa	gaaccagtca	aagtcgtcgc	cggtgctgctc	2220
cagcaggtgg	cgcagcgcca	ggtgcaggtg	tccaatgggt	cgctcctcgc	ccagcgtcac	2280
cactgccatg	ccaggtgggg	cccggcgggc	ccgtgcgccc	gtcaggaaca	ccacacgctc	2340
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ggtcagcccc	gccaccagca	gcctctgcct	gatgcccagc	tccgtgctga	tgtagcgggt	2460
cctaggggag	gagatggcac	aagcttatca	aaaagacgaa	ttccaccgca	cgggtctaagg	2520
tctactattg	tcaac					2535

<210> 3057

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(424)

<223> similar to gi5262560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3057

aggggaagtct	tatgaatgta	aggaatgtgg	gaaggtattc	atTTTTTTTcc	gttccttttcg	60
taaatatgaa	agggcacaca	ctggcgaaaa	gccctgtgaa	taaacaatgt	gggaaaggat	120
ttttcatatc	ttctgtggag	ctttgaatgc	atgaaaagac	agactacaga	gaaatgctaa	180
atgtaaggcg	tgtataaaa	catttagtaa	tttctcttcc	ttgcttatac	atggaaggat	240
gcacactgga	gagaagccat	atgaatgtaa	gaattgtggg	aaagccttca	catctgccaa	300
gagccttcaa	aatcatggaa	ggacacacac	cggagagaaa	ccatgtgaat	gcaagcaatg	360

tggcaaagct	ttcatttgtt	ccagttcctg	tcagagacat	gaagagacac	attctgttaa	420
tatgcattca	gttatcctaa	ttcctttgaa	acacagaaaa	agagtaggga	aaggacctct	480
gagataactg	ttttctgagt	tgagaagagc	tacttgtgaa	tggacaatta	aatctagatg	540
tatttagatc	tgatacaatt	catctgtat				569

<210> 3058

<211> 1315

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1312)...(388)

<223> similar to gi4929607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3058

tttttttttt	ttgaagttca	tcatcttttag	acttaaggaa	ttaacaaggg	tcagggagac	60
tacaccaggc	tgagggcttc	ttggttcctg	gagacatgcc	cagctacagc	aaacacaggg	120
aaacacgaag	ggggcagctg	gaagatttgg	tcttgaactt	gggggggtggg	taagtgatga	180
tccccacgac	tggagcagca	ggaagaagtt	gtgtctgagg	aagtgtctggg	ccgcccagag	240
ggacagccct	gccctggagc	ttgtcgccgg	gaggggaaggg	aaacaagccc	cctccctcag	300
tgctgaggaa	aaggcacttg	gctgggtctc	ctcctgccct	ctccccatcc	gtgggagaga	360
cggggtcctt	gcctccttgc	ccctttcagc	cgcccagaag	ccggtcctgg	ttcagcctct	420
ggaagaagct	tttgccgaac	tcataggtgc	tgatcatgat	ggcacaggag	ggggcagcct	480
tgatgatccg	aggaaggaag	cctgcaaaga	gtcccttggg	gcccgactcg	gcccgatcc	540
tccgcagcag	cagccagggtg	gagtccacat	gcaggggggtt	cactctcaca	gcctccatcg	600
ctcccagagc	gacctggcgt	tgggtcttta	ccacgtcaaa	gggtagagtc	agcactgcag	660
ccaccgtccc	tgagatgcc	ccagccacaa	agctcatgcc	cacagaagtc	tggtccttcg	720
gcctgaaccc	attgagccag	ctcttcacca	gctcatagtt	gaaccagtac	agggcttggg	780
gtgggggatg	cactgagaag	ggcacatctc	gaagggcagt	ggggccccag	cccagccaca	840
gtgagcgcca	gccaccctga	gccactgcag	ttcgaacaca	ggcaccagc	tcccggtagc	900
acacatgctg	agcctgcagc	tttgtccgca	taagctccag	ggggctgatc	acagtcacgg	960
tgccccactgt	gtggggattg	gggggtgaaa	tggggagaag	tgagatcaca	ggtcttacat	1020
ggcatcacct	acctgtctgtc	ccagggtctgg	ggacctagaa	caccccccta	tccctaggct	1080
ggcagagggtt	ggggctggga	gctgggactg	actgggtttg	ggcagagggtg	gggacagagg	1140
gaggtcaaa	gcccaagact	atgctcacgg	cgggccagcg	cgccagccac	catgggtgcg	1200
tagaggtcag	aggtcagggc	tcgaccacac	aggaaggcct	tcagttgggtc	ataggcagtg	1260
aagtagatgg	cggtagctgg	cacagtcatc	accagggtgg	cggggagctc	gtgcc	1315

<210> 3059

<211> 1441

<212> DNA

<213> Homo sapiens

<220>

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```

<221> misc_feature
<222> (1)...(1442)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1113)...(11)
<223> similar to gi5262557 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3059

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aaatcataac taaaaaaacc accaactata tttttgaaga tttttctaata tcttgccact     120
caaaggacaa cattttccac accggtttgt atgttatcct tttggtcatt gtcttctgaa     180
ccaatgaaat gttgattctc caagggattt gagttttcgt ggcacacgtc acctattttc     240
tcctgctgac ttgggctttt gaataagtgt ttcttttggg gcattccaag ggcagcagct     300
gttttgcaaa ttttggggca ctggaagcag gcatagccct tcccattatg ctcccgaata     360
tgcctctgct cgtgattcct tttgggtggag agatacaaaa atctctgaaa gcagaactga     420
cagtggtaac gcttttctcc agtatggatt ctttcatgga ttttgagggt ctcatccaag     480
gtgaatgcct tgttgcaata ctgacagacg aactccttca agcccagggt gatgcgttca     540
tgtttctgta agtttccttg caccgaaaag caccgtccgc aggtcttgca ctggtatggc     600
ttctccccgg tgtgacatct catgtgcatt ttgagtgtgg aagggtctctg gaactgcttg     660
gcgcagagct cgcaggcata tggccgagaa gtaagatgtc ggtggggcct tccttgggtt     720
ccagccccc cgtctttgtc tccatcacag agttcacact gcagcttggg catctcttta     780
gtttcttctt cctcaaaggg tttatcctga ggagccttcc ccacggcgca atccagttct     840
gctgggtatt tacatttatg gctcgggctc ctggttccgt gctccttccct ccagttgact     900
ttcttcattt ttttcaactg tctggatttc tttttgggtt tgtagttgta gtaagggcgc     960
cacggtttgt cagtggaatc ctggtcactt gcgtcatcga acacttcact catctccatg    1020
cactcggatt ggcaaagacc gagtgggctg tctccactgg gttatgggtc attcccctgt    1080
ggcaaaggct cctcctgcat ctgatacttg ggtcttctcc ctcttttata aaacaattta    1140
gatcatagaa tgtgcctttt cacaatggct tcgtttccaa ttttactgtt tatttgga    1200
aggggtgcaa cattactatt tgtggagggt cccggcagag caggttttgc aatgtagggt    1260
tcaattttgc tggtttcttc agcaatatct gtggttttgc tcagtgatcc tccaggatca    1320
gcaacatagt ttgactcaac cggtatcttc cccctgggat gtgatgtagt tttctttttc    1380
tccttagtgc ttttgggtct gaacttcnc gcnnattgct aatgaactcg aangagcccc    1440
a

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<210> 3060
<211> 1951
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (45)...(1907)
<223> similar to gil86774 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3060
ccacccctcc accaccaccc cctgccccac ctgcccagct gccctgccc cagtgtccca    60
agtcccttgc ctcagcttcc cggctgtccc ggcaccggcg tgcagtacac gggcccccctg    120
aacggcgtca ccgctgtggg gtttgtggca agggcttcaa gaagctgac cactgtcgca    180
accacctgcg gacacacacg ggtgagaggc ccttccagtg ccactcatgt ggcaagacct    240
ttgcttcttt ggccaacctc agccgccacc agctgaccca tacgggtgca cgtccctacc    300
aatgcctgga ctgtggcaag cgcttcacac agagctccaa cctgcagcag caccggcggt    360
tgactttgcg gccagtcgcc tttgcccgcg cccccgcct ccccatcact ggtctctaca    420
acaagagtcc ctactactgc gggacttgtg gccgctggtt ccgcgccatg gcggtcttgc    480
gactgcatca gcgggtccat gcccgagctc ggactttgac gctacagcct cccagatcac    540
catctcctgc cccaccccca cctccagagc ctcaacagac tatcatgtgc acagagctgg    600
gggagagcat cgccatcatt gagacatccc agccactggc gcttgaggac accctgcagc    660
tgtgccaggc tgcaactggg gccagtgaag caggcgggct cttgcagttg gacacggcct    720
tcgtgtgacg cagctgaaaa gcaacaacaa aagggtttgg ttgcaacagc cagtgtgggt    780
acctctgggg agagaggacc tcctctgaca aactggtctg gtaccaccca tgtgccagga    840
tccaccctgg cctcttttta cccactgact cccagaaca acccttccag gcttctcttg    900
tcatctttct ctgcctgagg ggaaactgaa gctctgaaat gcgatgtgat ctgtaccagg    960
tcaaccagct atgctgcaaa gtgggttggc caaggccctt tgcaactgcat caccctggtg   1020
cccagcaaca tcaggtaacc ttactgagc accaagctta tgccaggtct gtgctggcca   1080
ctctcatata cctcttcaga tcctctgctt gtacccccag cccttgccct ccctggattt   1140
tgggcaccca ggactttgct ctgcctgggt gaggggtactt gatttctctg ggcttccttc   1200
atctcaattc tgacagtgtg gaaggaaatc tgtaggtacc caggtcctca gctccagact   1260
gggtgatgct ggagacccag gagcaagtca gcacaggctc tgcccacagg aggcattcac   1320
aatctggtag gagaaacgca caagtacaga tagcttgctc tctgagtgtg tctcattgat   1380
tcattcagcc tgtgtgtcct aaagcctccc ttctcccata ctgggtgatg ctggggggcag   1440
agatgagtca ggcctaaagc ttctctgggc tgtgatgggg atgtgcaggg acagtgggat   1500
cccaggaaac agacctccat ggtgggagat cacgagttaa ggacttccta gagaaggtag   1560
tccttgaagg aaaagtagga atctggcagt gaaagaggaa aagaacattc caggcagaca   1620
gcactgcaag aggggtgagct cttggtgtat ttggagacca tccagttatt catctgactg   1680
cctacctgag gcaagcacca cacttaccac tgtatgtgta ctatgatccc aacaggcttg   1740
tgacatagat ttcatattat ccctgttgta aaactggtgg ctgggcgtgg   1800
tggtctacgc ctgtaatccc agcactttgg gagggcaggg cgggcagatc acgaggtcag   1860
gagatcgaga ccactcctggc taacacgggtg aaaccccgtc tctactaaaa atacaaaaaa   1920
ttagccagga gtggtggcgg gcgcctgtgg t                                     1951

```

```

<210> 3061
<211> 2725
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(2521)
<223> similar to gi433338 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3061
ggaattcgct atatgccgct atcctctggg catgtcagga ggccagattc cagatgagga    60
catcacagct tccagtcagt ggctcagagtc cacagctgcc aaatatggaa ggctggactc   120

```

agaagaaggg	gatggagcct	ggtgccctga	gattccagtg	gaacctgatg	acctgaagga	180
gtttctgcag	attgacttgc	acaccctcca	ttttatcact	ctggtgggga	cccaggggcg	240
ccatgcagga	ggtcatggca	tcgagtttgc	ccccatgtac	aagatcaatt	acagtcggga	300
tggcactcgc	tggatctctt	ggcggaaaccg	tcattgggaaa	caggtgctgg	atggaaatag	360
taacccttat	gacattttcc	taaaggactt	ggagccgccc	attgtagcca	gatttgtccg	420
gttcattcca	gtcaccgacc	actccatgaa	tgtgtgtatg	agagtggagc	tttacggctg	480
tgtctggcta	gatggcttgg	tgtcttacaa	tgtctccagct	gggcagcagt	ttgtactccc	540
tggaggttcc	atcattttatc	tgaatgattc	tgtctatgat	ggagctgttg	gatacagcat	600
gacagaaggg	ctaggccaat	tgaccgatgg	tgtgtctggc	ctggacgatt	tcaccacagac	660
ccatgaatac	cacgtgtggc	ccggctatga	ctatgtgggc	tggcggaaacg	agagtgccac	720
caatggctac	attgagatca	tgtttgaatt	tgaccgcatac	aggaatttca	ctacatgaa	780
ggtccactgc	aacaacatgt	ttgctaaagg	tgtgaagatc	tttaaggagg	tacagtgtca	840
cttccgctct	gaagccagtg	agtgggaacc	taatgccatt	tccttcccc	ttgtcctgga	900
tgacgtcaac	cccagtgtct	ggtttgtcac	ggtgcctctc	caccaccgaa	tggccagtgc	960
catcaagtgt	caataccatt	ttgcagatac	ctggatgatg	ttcagtgaga	tcaccttcca	1020
atcagatgct	gcaatgtaca	acaactctga	agccctgccc	acctctccta	tggcaccac	1080
aacctatgat	ccaatgctta	aagttgatga	cagcaacact	cggatcctga	ttggctgctt	1140
ggtggccatc	atctttatcc	tcctggccat	cattgtcatc	atcctctgga	ggcagttctg	1200
gcagaaaatg	ctggagaagg	cttctcgag	gatgctggat	gatgaaatga	cagtcagcct	1260
ttccctgcca	agtgattcta	gcatgttcaa	caataaccgc	tcctcatcac	ctagtgaaca	1320
agggccaac	tcgacttacg	atcgcatctt	tcctcttcgc	cctgactacc	aggagccatc	1380
caggctgata	cgaaaactcc	cagaatttgc	tcagggggag	gaggagtcag	gctgcagcgg	1440
tgttgtgaag	ccagtccagc	ccagtggccc	tgaggggggtg	ccccactatg	cagaggctga	1500
catagtgaac	ctccaaggag	tgacaggagg	caacacatac	tcagtgcctg	ccgtcaccat	1560
ggacctgctc	tcagggaana	gatgtggctg	tgggagggag	tttccccag	ggaaactcct	1620
aactttcaaa	gagaagctgg	gagaaggaca	gtttggggag	gttcatctct	gtgaagtggg	1680
gggaatggaa	aaattcaaag	acaaagattt	tgccctagat	gtcagtgcc	accagcctgt	1740
cctggtggct	gtgaaaatgc	tcggagcaga	tgccaacaag	aatgccagga	atgattttct	1800
taaggagata	aagatcatgt	ctcggtctca	ggacccaaac	atcatccatc	tattatctgt	1860
gtgtatcact	gatgacctc	tctgtatgat	caatgaatac	atggagaatg	gagatctcaa	1920
tcagtttctt	tcggccacg	agccccctaa	ttcttctctc	agcgatgtac	gcactgtcag	1980
ttacaccaat	ctgaagttta	tggctaccca	aattgcctct	ggcatgaagt	acctttcctc	2040
tcttaatttt	gttcaccgag	atctggccac	acgaaactgt	ttagtgggta	agaactacac	2100
aatcaagata	gctgactttg	gaatgagcag	gaacctgtac	agtgggtgact	attaccggat	2160
ccaggggccg	gcagtgtctc	ctatccgctg	gatgtcttgg	gagagtatct	tgctgggcaa	2220
gttactaca	gcaagtgatg	tgtgggcctt	tgggggttac	tttgtgggaa	aactttcacc	2280
ttttgtcaaa	gaaaaggccc	ctattcccca	gctgtccaga	tgaaacagggt	tattgaagaa	2340
atactggaga	gttcttcccg	agacccaagg	gagggcagac	ttacctcccc	tcaaccagcc	2400
catttgtccc	tgactcctgt	gtaataaagc	tgatgtctcag	ctgctggaga	agagatacga	2460
agaaccgtcc	ctcattccaa	gaaatccacc	ttctgtcctc	tcaacaaggc	gacgagcgat	2520
gctgtcagtg	cctggccatg	ttcctacggc	tcagggtcctc	cctacaagac	ctaccactca	2580
cccatgccta	tgccactcca	tctggacatt	taatgaaact	gagagacaga	ggcttgtttg	2640
ctttgccctc	ttttcctggg	cacccccaact	ccctacccct	gactcatata	tacttttttt	2700
tttttacatt	aaagaactaa	aaaaa				2725

<210> 3062
 <211> 302
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(251)

<223> similar to gi5002330 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3062

catcaaagaa	atcacactgg	agagaagcca	tacaaatgta	ttgaatgtgg	caaggccttt	60
gggcggtttt	cttgctcaa	caaacaccaa	atgattcatt	ctggagaaaa	accttataaa	120
tgtaatgagt	gtggcaaadc	tttcattagt	cgctcaggcc	tcactaaaca	tcagacaaaa	180
catactgcag	agagtcitaa	aacaaaattc	aatgtggaaa	agcctttaga	tggtctccta	240
acttctgggt	tcaaataatt	catacttatt	gatatagctt	gtatatattgt	cacttccgctc	300
tg						302

<210> 3063

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (356)...(94)

<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3063

ttctttcaga	ctttttgctt	taaatattct	gtttgaaaaa	aatactgggt	tcctaagtaa	60
attattttct	tggccattca	ctgtggctca	catctgtgat	cccagctctt	tgggaggcag	120
gggtgggagg	atcacttgat	ccaggagttc	aagaccagcc	tgggtaaccc	atctctacaa	180
aaaattaaaa	aattagcccg	gcatgatggt	gcaggcctgt	ggtctcagct	actcgggagg	240
ctgaggcagg	aggatccctt	gaacctggaa	ggttgaggct	gcagcagact	gtgattgcat	300
cactgcactc	cagcctgggt	gatagggtga	gaccctgtct	ggggaaaaaa	aaaa	354

<210> 3064

<211> 2729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1349)

<223> similar to gi505102 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

001210"52408460


```

<220>
<221> misc_feature
<222> (1374)...(144)
<223> similar to gi5305335 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3065

```

```

aaccgaggta cataggacct cgcggaaccc cggtcgaccc cgcgtccgga gcgcctcgcg      60
gttcggaaga gcggcgaaat gctcttccgc tagaccagcc actttttggg aatgagggcg     120
cagtcggagc ttgaacatct ctccgagctg cggcggaag cggggaagga tcgcagctca     180
atgcatgggt cggccgcgcg gacgcgtgcg agtgtgcgga ctcatggac gacggcggcg     240
gcggcgaaa cggatgaaga ccccgagacc aacttgtttc cggtgagggc gggacagtct     300
gagctgctcg tgaatattta taaaccggct ccccgagagg cgccacctgt cattatgctt     360
actaacgttc gggacgtctc ccgggctgct tgggcgagga gaggcagggg tgtgtgaccc     420
cggtggttac tgtgctcgcg tagagcacct agggcctgct gaagccctcc ctgcgccgcg     480
cctctcctta gtccttgaga tgagatggca agttacagcg gcttctccgg cctgctggag     540
attcgctacg ggccaggaca ccgcagctgc cttccccaat tcgctttctt tccgcagccg     600
ccgctgcccc gaccccggat ctgcatgtgg aagtacctgg acgtccattc catgcaccag     660
ctggagaaga ccaccaatgc tgagatgagg gaggtgctgg ctgagctgct ggagctaggg     720
tgtcctgagc agagcctgag ggacgccatc accctggacc tcttctgcca cgcgctcatt     780
ttctgccgcc agcagggtct ctactggag cagacgtcag cggcttgtgc cctgctccag     840
gatcttcaca aggtttgtat tgcaaccccc ttgggcaacg tggaggagtg ctaccgctac     900
ttcaccagtg tccttttttg ccatggagtc aggcggcctc ctttcagcat cgacctcttc     960
aaagaggaac agctgctggc cttggaagac tacgtggtca acacttactt ccgccacttc    1020
aagctctata aatacgtctt cacaccccag gtgcggctgg atctgtcttt gacttacatg    1080
gggctacagc cacccaaact gtggccagag agtgagacgg agaaagaaga aagcaaggag    1140
atggaggagc aggcagttac cccgcagaaa gaggaactag agacagtggc cccaccagag    1200
ccagagccaa gccacatcca cgtcctccga gcctacatca agaccaagt gaacaaagag    1260
ctggagcagc tccagggggt ggtggaggag cggctcaagg ccagcgagga aaggctcagc    1320
agcaagttga ctgcactaga gcggcccttc cagctacctc cgggtaaagg gtagagcatg    1380
atccagtgtc ccatacatt ttccccgaat tagagctctg ggccagaatg gcaccatccc    1440
tgcaaa

```

```

<210> 3066
<211> 2190
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2191)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (57)...(753)
<223> similar to gil504006 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<400>	3066					
attacgcca	gcttggcag	agggaccct	ccaaactgtg	tagacatagt	ctaaaatggt	60
tggagtgt	tgaagtctt	caggacgaga	catcactggc	tacacatttc	cagcaggctg	120
cagatacg	tggacaaca	atgaagaaac	acccctgccg	ccagtgtgac	aagtctttca	180
gctcgtcca	cagcctgtgc	cggcacaacc	ggatcaagca	caaaggcatc	aggaaagtgt	240
acgcctgtc	gcactgcca	gactccagac	gtacctttac	caaacgtttg	atgctggaga	300
agcacgtcca	gctgatgcat	ggcatcaagg	accctgacct	gaaagaaatg	acagatgcca	360
ccaatgagga	ggaaacagaa	ataaaagaag	acactaaggt	cccagtgccc	aagcgggaagt	420
tggaagaacc	agttctggag	ttcaggcctc	cccgaggagc	aatcactcaa	ccactgaaaa	480
agctgaaaat	caatgttttt	aaggttcaca	agtgtgccgt	gtgtggcttc	accaccgaaa	540
acctgctgca	attccacgaa	cacatccctc	agcacaaatc	ggatggttct	tcctaccagt	600
gccgggagtg	tggcctctgc	tacacgtctc	acgtctctct	gtccaggcac	ctcttcacgc	660
tacacaagtt	aaaggaacct	cagccagtg	ccaagcaaaa	tggggctggg	gaagataacc	720
aacaggagaa	caaaccacgc	cacgagggtg	gaatccctcg	atgggcgccg	tgtcagacag	780
aaagtgcaaa	gtgttgcgca	aaaacttttg	aaactgaagc	tgcttaaat	actcacatgc	840
ggacacacgg	catggccttc	atcaaatcca	aaaggatgag	ctcagcccg	gaaatagcca	900
cagatgctcc	catgagaaa	atccccgtcc	cacattggaa	taaaaaagac	atttttgtaa	960
caaagtttgc	cagtataata	gagttaacag	tactgtctag	gctgttgcaa	tatattctct	1020
ttcaatgtac	cttccttcac	ctcgctgtat	atatcctcga	taagtattaa	aacagtattt	1080
gagtttaaaa	gagtttgtat	atattttaaat	gaataacttt	ttatactctt	tgttacatgt	1140
ttgtatcagt	atttagtgga	aaaccatttg	agttgttttg	ggttagaatt	tttctttttg	1200
tactgtttct	ttaaaacaga	gttcttagta	acaggggcag	ttcctgaatt	caaataaacc	1260
attttgtatg	tttggaattt	gaatgggtta	actaattaca	ggctaaaata	atgccttttt	1320
tagtggtttt	aattttttaga	attcactaca	taaattgtaa	gtaattgtgg	gtctcaaaaa	1380
cactaggaac	ttttaagtgt	cttagcactt	cctcgatgtg	cctgccttga	gggagtgagt	1440
tcacatttga	gacaactgca	ctccagtg	gacgtgcctt	tgtcttcagg	ccatgccgaa	1500
gggtgtttaa	agcagtcctg	caggtcgctc	ctttcccagc	cgtggataaa	aactgaagct	1560
aggaatctaa	taaggaatgc	tgatttcctc	agttccattt	tgaggaatgg	ggaaggctat	1620
tctaaagaaa	aaaatgggat	ttgttttctc	ggcagatctg	caaggctggc	tttaagagca	1680
caaggaggga	aagtaacgaa	agggctggac	tactataaaa	gttacaaata	cgtagttaga	1740
ccaatagatt	tatatagtca	ggtttttgtc	atgtaattta	ttaactaact	attacagaaa	1800
cacagctaag	aatatcaagt	atttctctgg	ctcttgacag	aaaaaaatca	gttgacttaa	1860
ccctttgctg	tcaaaagagt	tggcgtttcc	tgttctgggt	gctactgcca	aacgttatgg	1920
tacttagagt	cgggatgcac	aacttcaacc	accgacttat	caatgcagcc	gcctgtgtat	1980
tgcaatttgc	cgtttacctta	agcactgagc	caccggggtt	tagttcagcc	atttcaagag	2040
tacatttaac	gtcggcagtt	ctgctttact	aaaatgcagt	agaggctact	ttctgtccct	2100
tccgtttata	gttctctgag	agagttatat	tttttggttt	tgtttggtgt	tcttttgaat	2160
tnatatctgt	attatcctga	acatgtttga				2190

<210> 3067

<211> 695

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

<221> misc feature

 $\langle 222 \rangle \quad (6) \quad \bar{\cdot} \cdot \cdot (544)$

```
<223> similar to gi63568 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

```

<400> 3067
gaaaagaaca gtgcctcttt ccactgccag aaccccgagga ccttttttcag gcctcacaga      60
tgaagtttga agattttcaa aaagatctca gaaaactgaa gaaagacttg aaagcctgtg    120
aagttgaagc agggaaagta taccaggtct cctcaaaaga gcatatgcag cctttcaagg    180
aaaacatgga acaattttatt attcaagcca aaattgacca agaggcagag gaaaattcac    240
tgacagagac tcataaatgc tttttggaga ccacggcata tttcttcatg aaacccaaaac    300
ttggagagaa ggaggtgtcc ccaaatgctt tcttcagtat ctggcatgaa ttcagctctg    360
actttaaaga cttctggaag aaagagaaca aacttcttct acaagagaga gtaaaaagaag    420
ccgaagaggt gtgtagacag aagaaaggaa aatcacttta taaaataaaa ccaagacatg    480
actctggaat taaagcaaag ataagcatga aaacttgaac aatgaaaagc agaataaaaa    540
tgagtcattg caacgacttt cacaaaattc agctgacctg agagtgggag ggaaactacc    600
gtcattctgc tcatgtttct tcttgacctc ttgcataatc tttttgtttt ctagacagtt    660
cactaattgt tgaattttac tgtatattca tataaa                                695

```

```

<210> 3068
<211> 2043
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2043)...(514)
<223> similar to gi3676764 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3068
gaattccggg ggagagagag aaagagagga gagagaagaa acgggaggag gggataagga      60
aattaaacc tttaagtcaa tgcataattgt ggtgacaccg gcacaggcgc cctcacggtg    120
gagtcggcca gggctgtgcg ttcccaaaat atgaccaggg gtgcttggat gtgtcggcag    180
tatgacgacg gcttaaaaaat ctggttggca gcaccccgag agaacgagaa accgttcac    240
gattccgaga gggctcagaa atggcgactg tctctggcat ctctcttgtt tttcacagtc    300
ctgctctctg atcaattgtg gttctgcgcc gaggccaaagc tgaccggggc cggggacaag    360
gagcaccagc agcagcagcg gcagcagcag cagcagcagc agcagcagag gcagcggcag    420
cagcagcagc agcagcggcg gcagcaggag ccctcctggc ccgcgctcct ggcgagcatg    480
ggggagtcct cgcccgccgc ccaggcacac agaactcctc ccgcctcctc gtccccacc    540
ctgccccctt ccccgggaga cggcgggcgg ggcggcgcca agggcaaccg aggcaaagac    600
gaccggggca aggtcttttt tctaggaaac tctgccaagc ccgtgtggcg cctggagact    660
tgttaccccc agggcgcgtc ctggggccag tgcttcacgg tggagaatgc ggacgcggtg    720
tgccgccagga actggagtcg gggggcggcc ggggggggac gggcaggagg tgaggagcaa    780
gcatcccaact ccgctctgga acttgtcgga tttttacctt tcgttttgta attcctacac    840
actttgggag ttgttctcgg ggttgtccag tcccaacact ttgaactgca gtctggatgt    900
ggtgctcaag gaaggcgcg agatgaccac ttgcaggcag tgcgctcgagg cttaccagga    960
ctatgaccac catgtctcagg agaaatacga agagtttgaa agcgtgctcc acaaatat    1020
acagtcggag gagtactcgg tgaaatcctg tcctgaagac tgtaagattg tctacaaagc    1080
ctggctctgt tcccagtatt ttgaagtcac acagtttaac tgcagaaaga caattccttg    1140
caagcaatac tgtttggagg ttccagacgag gtgtccattt atattgcccg acaatgatga    1200
agtcattctac ggaggcctct ccagtttcat ctgtacaggg ctttatgaaa cctttctaac    1260

```

caatgatgaa	ccagaatgct	gtgacgtcag	gagagaagaa	aatcaaata	acccatccaa	1320
agggaccgta	gagaaaagt	gctcctgtca	caggacatcg	ctcacagtgt	catcagcaac	1380
aagactgtgc	aacagcagac	tcaagctgtg	tgttcttgta	ctgattctct	tacacacagt	1440
gctcacagcc	tcggcagcac	agaacacagc	cggactgagc	tttggaggca	tcaacacgct	1500
ggaagaaaac	tcaaccaatg	aggagtaacg	gaaggacgag	tgtcaccaca	gcagcagctg	1560
gcccgccgtg	aaaaatggca	actgctgtct	catgtaacag	aaactgggtg	cttttaccct	1620
cgaattactt	attgcaaggc	ctttagggtg	aaatttaaac	agatgggcct	gaatccaaac	1680
aaggacacaa	ccacagcttt	ttattgacta	aaaggctgga	aagtgacttt	aaattttctca	1740
caccatttta	tacactgtgt	tttaattgtt	ggaggtttta	tttgctttcg	ttttggtttg	1800
ggtttatttg	tttgtttatt	ttttgcactt	gttaatacag	gatttatttt	gggggatggt	1860
ttctcagagg	taaactaagt	cttttcactg	tctctatctc	tctatatatt	tctagtcat	1920
gtgtgtgttc	atcagatagt	tctgtcttta	tgtcctgtca	gcttctatta	gaggaatgat	1980
tgctatgacc	tcatggtata	gcaaaaaaca	acaacaaaaa	agaataaaaa	aataaaaaaa	2040
aaa						2043

<210> 3069
 <211> 1994
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (114)...(1644)
 <223> similar to gi3986770 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3069	
cggacgcgtg	ggggaagatt aagtctgtag cactgtttgt agcagcgtgt ccaaggcaag 60
aactgataac	tctgagtgat gttcagaagt ttgcagagat aaatggttca gccctatgta 120
gctacaacct	aaagccttct gaatacacta catctccaaa atcttctgtt ctctgccccca 180
aactaccagt	tccagcagagt gcacctatct cattcttcca tcgctgtgct cctgtgaaca 240
tttcttgcta	tgccaagttt gcagaggccc tgatcacctt tgtcagtgac aatagtgtct 300
tacacaggct	gattagtggg gtaatgacca gcaaagaaat tatattggga ctttgcttgt 360
tatcactagt	tctatccatg attttgatgg tgataatcag gtatatatca agagtacttg 420
tgtggatctt	aacgattctg gtcatactcg gttcacttgg aggcacagggt gtactatggt 480
ggctgtatgc	aaagcaaaga aggtctccca aagaaactgt tactcctgag cagcttcaga 540
tagctgaaga	caatcttcgg gccctcctca tttatgccat ttcagctaca gtgttcacag 600
tgatcttatt	cctgataatg ttggttatgc gcaaacgtgt tgctcttacc atcgcttctg 660
tccacgtagc	tggaaggtc ttcattcact tgccactgct agtcttccaa cccttctgga 720
ctttctttgc	tcttgtcttg ttttgggtgt actggatcat gacacttctt tttcttggca 780
ctaccggcag	tcctgttcag aatgagcaag gctttgtgga gttcaaaatt tctgggcctc 840
tgcagtacat	gtggtggtac catgtggtgg gcctgatttg gatcagtgaa tttattctag 900
catgtcagca	gatgacagtg gcaggagctg tggttaacata ctattttact agggataaaa 960
ggaatttgcc	atttacacct attttggcat cagtaaatcg ccttattcgt taccacctag 1020
gtacggcggc	aaaaggatct ttcattatca cattagtcaa aattccgcga atgataccta 1080
tgtatatcca	cagtcagctc aaaggaaagg aaaatgcttg tgcaccgatg tgtgctgaaa 1140
tcttgcatth	gttgcttttg gtgtcttgaa aagtgcctaa attaatthaa atcggaatgc 1200
catacacagc	cacagctatc aacagcacca acttctgcac ctacagcaaag gatgcctttg 1260
tcattctggg	ggagaatgct ttgcgagtgg ctaccatcaa cacagtagga gattttatgt 1320
tattccttgg	caagggtgctg atagtctgca gcacaggttt agctgggatt atgctgctca 1380

actaccagca	ggactacaca	gtatgggtgc	tgcctctgat	catcgtctgc	ctctttgctt	1440
tcctagtcgc	tcattgcttc	ctgtctatct	atgaaatggt	agtggatgta	ttattcttgt	1500
gttttgccat	tgatacaaaa	tacaatgatg	ggagccctgg	cagagaattc	tatatggata	1560
aagtgcctgat	ggagtgtgtg	gaaaacagta	ggaaagcaat	gaaagaagct	ggtaagggag	1620
gcgtcgctga	tgccagagag	ctaaaagccga	tggcttcggg	agcaagttct	gcttgaacct	1680
agccgacggg	tatggaaaacc	cattgacatt	ccaaaacaat	atatacacat	aactatgtat	1740
ttgtgtgtgt	gggtgtgtgt	atatatgtat	atgtatgtgt	gtatatatgt	atatgtatat	1800
acacacacac	acataaatca	gccaaaatca	gagaaaagga	acagggattt	aatacctttt	1860
ttatgcttat	ttttgtcaaa	catgtactcc	tttcatacgg	gtggctttta	caaggcaact	1920
tccgtcattt	aatgttttca	actgtaattg	tcttaatgga	aatgttataa	ttcatatctg	1980
attaacattt	ttaa					1994

<210> 3070

<211> 2076

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(1424)

<223> similar to gil843386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3070

ggaattcccc	gctgccccga	cgagtcggaa	ctataccgag	atccgggaga	agctccgctc	60
gaggctgacc	aggcggaag	aggagctgcc	catgaagggg	ggcaccctgg	gcgggatccc	120
tggggagccc	gccgtggacc	accgagatgt	ggatgagctg	ctggaattca	tcaacagcac	180
ggagcccaaa	gtccccaa	gcgccagggc	cgccaagcgg	gcccggcaca	agctgaaaaa	240
gaaggaaaag	gagaaggccc	agttggcagc	agaagctcta	aagcaggcaa	atcgtgtttc	300
tggaagccgg	gagccaaggc	ctgccaggga	gaggctcttg	gagtggcccg	accgggaact	360
ggatcgggtc	aacagcttcc	tgagcagccg	tctgcaggag	atcaaaaaca	ctgtcaaaga	420
ctccatccgt	gccagcttca	gtgtgtgtga	gctcagcatg	gacagcaatg	gcttctctaa	480
ggagggggct	gctgagcctg	agcctcagag	tctacccccc	tcaaacctca	gtggctcctc	540
agagcagcag	cctgacatca	accttgacct	gtcccccttg	actttgggct	cccctcagaa	600
ccacacgtta	caagctccag	gcgagccagc	cccaccatgg	gcagaaatga	gaggccccca	660
cccaccatgg	acagaggtga	ggggggcccc	tcccggatat	gtccccgaga	acgggctcgt	720
gaggagactc	aacaccgtgc	ccaacctatc	ccgggtgatc	tgggtcaaga	caccaagcc	780
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gcctgagcct	gtgtcctcag	gtgggaagcc	acagaagggc	aagaggcagg	gcagtcaggc	900
caagaagagc	gaggcaagcc	cagccccccg	gccccagcc	agcctagagg	ttcccagtgc	960
caagggccag	gtcgctggcc	ccaagcagcc	aggcagggtc	ctagagcttc	ccaaagtagg	1020
cagctgtgct	gaggctggag	aggggagccg	ggggagccgg	ccaggaccag	gttgggtcgg	1080
cagtcccaaa	actgagaagg	agaaggcgag	ctcctggcga	aactggccag	gcgaggccaa	1140
ggcacggcct	caggagcagg	agtctgtgca	gccccagggc	ccagcaaggc	cacagagctt	1200
gccccagggc	aagggccgca	gccgccggag	ccgcaacaag	caggagaagc	cagcctcctc	1260
cttggacgat	gtgttctctg	ccaaggacat	ggacgggggtg	gagatggatg	agactgaccg	1320
agaggtggag	tactttaaga	ggttctgttt	ggattctgca	aagcagactc	gtcagaaagt	1380
tgtgtgaac	tggaccaact	tcagcctcaa	gaaaaccact	cctagcacag	ctcagtgagg	1440
ccctgcccag	gctgagctgc	ttcaggggcat	cctgaggccc	tgactgccag	ctgaaggcgt	1500
ataatttttc	cctccgtgtg	ccccacctac	ccgtccaaga	ccctctgtgc	tccccaccat	1560

cctggacca	ccaaaagctg	aacggatgcc	acactgtgct	ggggcccctt	gacctcagca	1620
gagccgcttc	ctggtgctac	gcagcctcca	cactcagagc	ccgtggactg	ggctggccta	1680
agggccagg	ctgatggtac	tgctggccca	acactgctct	ctttgtgttt	ggtttttttg	1740
tttttgtttt	tattttgttt	ttttccaatt	ctttactttt	gatactgtga	agatctttcg	1800
tgccgaaaga	taaagcaaca	tttggaacaca	gagttggcat	gttgggtgatt	tgtgggtctg	1860
ggcggggagg	gagttgaggg	tgtgctcaga	agcatgggct	ctcccttagt	cactaaccct	1920
agcatgcacc	atgcatcagc	agtttggtgc	tattgtccca	ttttacaggt	gaggaaacta	1980
aagccgatag	gaaagtgact	cagctcaact	tagtctggct	gatttagcatt	gagcgcagac	2040
tggtatgatt	atggcatctg	tgcccttttc	tccttt			2076

<210> 3071
 <211> 1696
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1694)...(321)
 <223> similar to gil9867 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3071	
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ttccgacctc	tgctgcctc atgccagggt agacctttca tgctgtttc catgattgag 120
aacatgggag	tacgtctctt tccacctacg ttcttggtgg attttactg gagttgggct 180
gcactgtgga	aaaggggttg ggcagctcct gtggcacagt gagggggcat agaagcccaa 240
ggcagtcggt	aagaaatcac caatttattg aatgaaaaac ccaacatcaa ctcagtccct 300
cccaccccca	tctcctctct ctggcccagg agacgtcag gacagcaggg ctgagccctg 360
ggaagggctg	gaggagagct tgggggagggt atggagaatg agaaaaaac tttcaaatg 420
aagtctctgt	caaaaacttc tgggaaggag tgagaggaca agagaaaagc tccaaagggg 480
ctgtggggcg	cagatggccg ggctgggggg tgagaggggc tgggctgggg ccctgtgtcc 540
tcaaccactc	ctgagaacac ggacggctcag gaatgagggg ctgagacccc gggttggtga 600
gagggagggt	acagggaggg aaggagcctg ctggagggaa acctggctgg gaggatgggt 660
cttgggcccc	ggctggggcc taaggagggg gaagaacaga gcagggaaag gcagaaaaac 720
tgacacggtg	ggaaggaggg agatgaatgg gagatgaaac agaattgtctg aggggcccac 780
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gaaccaaaga	aacactcagg acacacacga catctgcagg gaacctgggg gtggtgagga 1020
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accatagcaa	cagggtcctg gaggcagggg agctgcctcc tgccctgtg agctgtgaag 1140
taggggtcct	gtgggctcag ggtgccccct tacctcctct tgggaagctc tggggcaggt 1200
ggagaacccc	ataagagttg aaagtggcct tgggtcctgc tggaggcagc agagtgagt 1260
gatctggcag	ctgcatccta gaggacaccc tgggtggtgg aggggctggg ggaggactag 1320
gctctcctgc	tggggaccag gattccagct ttctcatttc cgagaaggaa actgatacca 1380
caaggaagag	tttggaagtc ggggtgaagga aggcctgggg gactcagtc aggggactat 1440
gggcaccaga	aggcaaaacc aacacgcctt gggcctggag caggaggagg aaggggaaaa 1500
gcgggaagga	ggaggggctg tgcaggggtg ggctggaggg gaggggaggg aaggcgtccc 1560
tgtggcagtg	tccttcggga cctgggcgag tgagaggcag acctgggtgc cagggaaggg 1620
gtgctgggcc	cgggcctgct ggcctcccc tgccgcaggc ggtgaggctg gtggcagtg 1680

<210> 3072
 <211> 1515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1516)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (9)...(1134)
 <223> similar to gi3135309 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3072

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gagccccgc	ccctgcccct	gcctcccaag	agcccccttc	catagctgga	ccaggtggga	120
cagggatttt	gggaggagga	tggggcctgt	gttggtgagg	gctggttggg	agagagggac	180
acagagggga	tgcctgtctc	acctgcccct	gtcgtgtgt	ccctggatcc	ggccccagcg	240
acagcacctg	ctccacggcc	acttggtctc	attcagagac	caaacagctt	cctcttccgt	300
tcctcctctc	agagtggctc	aggcccttcc	tcaccagact	ctgtcctgag	acctcggcgg	360
tacccccagg	ttccagatga	gaaggactta	atgactcagc	tgcgccaggt	ccttgagtcc	420
cggctgcagc	ggccccctgc	tgaggacctg	gccgaggctc	tggccagtgg	ggtcatcctg	480
tgccagctgg	ccaaccagct	acggccgcgc	tccgtgccct	tcatccatgt	gccctcccct	540
gctgtgccaa	aactcagtgc	cctcaaggct	cggagaagt	tggagagttt	tctagaagcc	600
tgtcgaaaaa	tgggggtgcc	tgaggctgac	ctgtgctcgc	cctcggatct	cctccagggc	660
actgcccggg	ggctgcggac	cgcgctggag	gccgtgaagc	gggtgggggg	caaggcccta	720
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cctcacccct	ttcccttcct	ctctatttat	aaggtccttg	ctccaccgga	ccccacctgc	900
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gccctctgta	ccccgtgagg	ggtggcagga	gctggagtct	cccccttcct	cctgtgccct	1140
ccccttcccc	ccccaacagc	tgctatgggg	gggctaaatt	atctctattt	tgtagagagg	1200
atctatattt	gtaggggttc	ggggcccagg	ccgggtccct	atctctgtgt	ataaactgta	1260
cagaccgtgg	cgcgccctgc	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgcg	1320
ccccacnncn	cacncacacg	cgcacatntg	nttcgcgtgt	gggggggtgt	ggacatgttt	1380
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caaccccccg	ggtcaactcc	tttttgttat	cgggtgatttt	ttttttcggg	cctaattggc	1500
ccccgcccc	cgcct					1515

00483735-013100

<210> 3073
 <211> 4664
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4665)...(580)
 <223> similar to gi3043708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3073
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 ggggccacag ttgcccacaa ctttgcccttg gaggacatgc agaggcaccc tcagaattca 120
 gtgaaaacct gctcccatat tgctaagact catgaagtat aatctctcac cttctttctc 180
 tttcccctgc ccaggcccta agttagggtt cccatccata taacaaagac ttctggtcag 240
 gtggcatttg ctatctcttg gattccctgc ccatgaaagc cacaaagaga tttcttcttt 300
 tacacaccct gaagcatatt atggccccag caaggctaac taaatcaaac tgtggtttta 360
 aaacaaaaca aaccaaccac tgtgaaatat ttatttttgt ttgtagtagt taagcatgat 420
 taaaccagtg cagaaaaata ccaagtacat tgggtgaacg atgagctagc tgttctagta 480
 tttgcttttt gtaatccagt taagaccatc agcatataca acatcatcac taactcaaca 540
 atgtagctgc agggtaacat gtggataccc tgtgtgctct actggcctcc aaaggcattc 600
 aggggatcat caaagatgtt ggacaccttg tgttcaaata ttggttcagg tgcggcctgt 660
 gcagatcggc tttttggttt ggttgtctta gcctggatac cagaggagaa gatgtcatcc 720
 atatcatcat caaatataga cttggcttcc actttctttt tggacttttc ctttggtttt 780
 acagttaagt cagcaaagat atcaatgtta tcatcaaata aattagattc ccaatgtttt 840
 ctccctctct ctggttttct gagagggttt aattgcttcc gtaggcaaaa tatatcatcc 900
 ttgttaagcc tcaaaaatat cgttgtgttg ttaatatgac atccgtgctg actattggga 960
 ttttgtctca ttcttcttga ctttctgata tgtaaagggg gtcacctca tcttcagga 1020
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 cactgctggc ctgcctaga gcaggaaaca tggggctctt tgctttacca cccactggtg 1140
 ggttggcagg attctctgct atctttgcct tgggttttgt tctctccaca gactgagatc 1200
 cagtgcccggt ggaaaagatg tccccagaat caaaaagggtc agcctccctc ctggaatgac 1260
 ccagagactt tgcaaagggg cttctgtcca ctccaggcac aggaccact tcccaagggtg 1320
 cagcggcagc tgccaggggc tctcagtgct tgtcttctcc actggctgct ctgagctgtg 1380
 gccgatggcc atttggggaa atggcgccat cagcccactg tgcaatgggt cctctgggga 1440
 cgctcatgtc ctcaagtctg ctggactcct gagcagccag ccgcctagct gcacgggtct 1500
 gcggtctacg ctccctctc atcttgacac ggctcttgtt tgcactgtgt aaggtgtctg 1560
 cctgagctgg aagatcaaaa ctcacaccgg cctccccact cccgggaagg acaggcacac 1620
 tttccagacc gtggtcctt ctgtgttcag atgaaggaaa agccaattct ggcaaacag 1680
 gctttacttc agagatctgg gaagccgctg tgggcagcaa ggccgctggg ttgatcgcta 1740
 aatttgccctg aggtgtttct ggcttccata tgcccttttc ttactacct tgaatggatt 1800
 caggatgttt ctggtttttg aaagagtcaa cagagtgggtc ttttttact actctctttt 1860
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 taagaacagt tttggttctt aggtttggtt cctttgtccc atggggatga tgaagaaaat 2220
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 gcctcagaga cagtctcttt tttctttgtt gcaggaggaa cagatgtggg aggagagcca 2460
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tcctcatctg	aaaataagcc	tttttgagtc	tttgtttctg	atgaggggctt	gagatttttg	3000
ctggaagata	aggtaacctt	tttttctgct	cttgctttat	tttcatctgt	ctgactcaca	3060
gtggcttctg	gcatgctac	ggctttttct	ttgaacagat	ctccttcttc	atcaccaaaag	3120
atatcagcag	tggattggag	tttgctgtgt	ttagaagggt	tgtgtggggg	tgccgagaaa	3180
aagtcgtcac	catcatcacc	atcatcatca	tcaaaggagc	cagtgggagg	gggaccatag	3240
gggcttttcc	ttggagtggg	ctgctcaggc	ttctgtggct	ccttcagtga	tggaacggag	3300
gcagcaccaa	acacatccgt	gtctcctaaa	aatacagaaa	cagctcctgc	tgggattttc	3360
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atggcatccc	ccttgatgcg	ggcagccagc	tcactctgaa	acgatgtagg	tctgcttctt	3720
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tgttcattgt	cactgtgatg	ggcaaaatct	tcactctgact	cctcctcttc	tttctcttcc	3900
tcagtgtcca	caatactgcc	acgatcactg	cctacagagc	cttcttctc	ggacagctct	3960
ccaagacctc	catcttcttg	ttccatgaac	agctttgacc	caatgagata	tggtaaagga	4020
cgatcaatgt	atagatcctt	tggttcaagg	atcagttcca	cccgccatt	agcatcatct	4080
tcctcggagt	ctgagtttcc	tgttttgata	tcaagttgct	caaaggcact	gtccaatact	4140
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cgtgtcttct	cctgctctgt	tttttctgcc	tcagccttga	gtactggctc	ctccacttct	4260
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acattatgca	ggcgacaatc	tgtggctttg	gtttcccgaa	ttagtccgtc	cacttgtttc	4380
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ggccgctccc	acacgggctc	cgacgctggc	gccagctcct	ggtcgggggt	cgtccgggttc	4560
atcatcctag	ccgcccggct	cggtgggctc	cgaagctgcc	agcacacgcc	gaggactgca	4620
gagccccgga	agcctagccc	cagccaagct	gcccggggcg	tgac		4664

<210> 3074

<211> 3067

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2837)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3074

tttttttttt ttgagatgga gtctcgctct gtcgcccagg ctggagtgca gtgggtcgat 60

ctcggctcac	tgcaagctcc	gcctcccggg	ttcacgccat	tctcctgcct	cagcctccca	120
agtagctggg	actacaggcg	cccgccacca	cgcccggtta	atTTTTtTgta	TTTTtagtag	180
agacgggggtt	tactgtgtt	agccaggatg	gtctcgatct	cctgacctcg	tgatccgccc	240
gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagcc	accgcgcccg	gctgcaaata	300
atctttcttt	ttttcttttt	ttctgagaca	gagtctcgct	ctgttgccca	ggctggagtg	360
cagtggcggg	atctcggtc	acggcacgct	ccgcctcccg	ggttcacgcc	attctcctgc	420
ctcagcttcc	cgagtagctg	ggactacagg	ggcccgccac	cacgcccggc	taattttttt	480
gtatttttag	tagagacggg	gtttcacctg	tttagccggg	atgggtctcga	tctcctgacc	540
tcgtgatccg	cccgcctcgg	cctcccaaag	tgctgggatt	acaggcgtga	gccaccgcgc	600
ccggcctatt	tttagtttta	aacaaaaaag	tttaagaagt	aaaaaaaaaa	catgttttgt	660
tgtcgttttc	tttgagaggg	agtttagcat	tgatgcccat	gctggagtac	aggggcatga	720
tctcagttta	ctgcatcatc	ctgcctccga	gttcaagaga	tttctctgcc	tcagcctcct	780
gagtagctag	gattacaggc	tcctgccacc	acaccccaca	cattttttgt	atttttagta	840
gagaacggga	attcgccatg	ttggccaggc	tggctctgaa	ctcctgatct	caggtgatcc	900
gcccgctcgg	gcctccctaa	gtgttgggac	tacaggcgtg	agccaccatg	cctggcccca	960
accagaacac	ttctgagcgt	ggaagaggat	gctgttaatt	actcaagacc	aaaaggcata	1020
aaaggagaca	tatgtccacc	caagtataa	ggcagtttgg	gaaactacat	ttccagtat	1080
gccctgcccc	ttgaaagtta	aaaatcttaa	ctggcacaga	gcaccctggg	acacctgtgg	1140
ttagcaccat	ttaagaagta	aaaggtatag	ggttgggttc	tgacgtgaag	gctttccctt	1200
tccatgggac	acttaaccag	acacaggaca	caacacctga	ggtgaaattt	caatgggtat	1260
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accagcgtcc	ccactgccac	tagtctgtag	ggggattccg	ggctaggtgc	tcttccctact	1440
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cgctcttccc	aacctggata	tcccggttta	gcagcttctt	ggtgagatgc	ttcagagaca	1560
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gggtgagggg	cttgggggtga	aagtactgaa	gggctttgaa	gtcgttgtgg	atggcatgcc	1680
ccaccactat	cttccctgtg	agtatcttca	agatctctcc	atccttgaaa	tgtcactcc	1740
cacaagtttt	ctttcttctg	gaatccacct	tcctcttcca	caggtgattt	ccatggtata	1800
ccctgtttgg	actcatactg	ccagtggctc	cttaccttct	tattgatctc	caccccatga	1860
cattaatttg	ccttcagtcc	taaatgacac	tcattgttga	gatgtccatg	tatttagttc	1920
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ggctgggacc	cgggctccag	ggaggctaac	aaaagcccaa	aattacatgc	aattagatgt	2040
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gtaaaaaatt	aagaatcaca	tataaactaa	agttgcagaa	gcaaccttat	tcacactagt	2160
tttggaacca	agtaaaataa	aaataacttc	tcaatatattc	aggaaactgt	tttttttttt	2220
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ccaaagtgt	gggattacag	gcatgagcca	ccacgcccag	gaaattattg	tagttttagt	2520
agagacaaga	tttcaccatg	ttggccaggc	tgggtctcaa	ctcctgactt	caggtgatcc	2580
gcctaccttg	gcctccaaaa	gtgctgggat	tacaggcatg	agctactgca	cccggcctaa	2640
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accattctcc	tgctcagcc	tcccagtag	ctgggactac	aggcgccac	caccacgccc	2760
ggctaatttt	ttgtattttt	tagtagagac	gggttttcac	catgttagcc	aggatggtct	2820
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tgagccaccg	cgcccgcca	gcagcttcat	ttattagggg	cttcggtgag	ggtggggaaa	2940
ggcagcgcca	gggtcagagg	cgccgaaaga	agagcttgga	gccgtggtcc	agcgtgcact	3000
cgcgggggcc	cggccgactg	ggctgcagct	ggcgcagggc	gtccctgtcc	tcagcgcaga	3060
ggcgtct						3067

094687235 "01.12.100

```
ctcgtcgtcc tcttccatgt cattggccag gtagctgagg acagaaatca ggttgctgct 540
cagggggcacc accaggagag gcctccggct gaggtcagct tcccagagag gaaggtaagg 600
gaccgtccct agctcaggac tggcaccac cctgcagaga gccacgcctt cctcaggagg 660
gctctgctgg acagagacct gatcaagggc gtctcccact ccttcaggat ggagacaaaa 720
acccaactgg tggccgagag tgggtggctta cgcctggaat cccagcacac tgggaggcca 780
aagcaggagg atcacttgag gccaggagtt tgagacgggc ctgggcaaca tagcaagacc 840
ctcgtctcta ttaaaaatgt aagaaatatg ccagacgcgg tggctcatgc ctgtaatccc 900
agcactttag aaggctgaag cagggtggatc gcttgagacc aggagttgga gaccagcctg 960
gtcaacacgg agaaacccca tctctactaa aaatacaaaa atgagcctgg tgcggtggca 1020
caccggttag gcctagctac tcaggaggct gaagcacaaag aattgtgtga acccaggagg 1080
cggaggttgc agtgagttga gattgggcca ctccattcca gcctgagagg cagaacaaga 1140
ctctgtctca ataaacaaac aaacaaacaa acaaaactgtc caggtgtggt ggacagccc 1200
tgtagtcgga gctaataaac aagctgaggt gggaggatcg cttgagccca ggatatggag 1260
gctgcggtga gctatgatct caccactggc actccagctt gggggacagg gcaagtctgt 1320
ctcaaaaaaa taaaagaaat tgaatacatt gaaaaaaaaa aaaa 1364
```

```
<210> 3077
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (585)...(360)
<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 3077
tggctcatgc ctgtgatcct agcacttttg gaggctgagg cgggcggatc acgaggtcag 60
gagatcgaga ccatcctggc taacacggtg aaaccctgtct ctactaaaaa atacaaaaag 120
ttagctgggc gtggtggcag gccctgtagt cccagctact cgggaagctg aggcaggaga 180
gtggtgtgaa cccgggaggc ggagcttgca gtgagccgag atggcgccac tgcactccag 240
cctgggcgac agagcgagat tccgtctcaa acaagaaaaa aagaaaatgt tctaggccgg 300
gtacagtggc tcacgcctgt aatcccagca ctttgggagg ccgaggcggg cggatcacga 360
ggtcaggaga tcgagaccat cctggctaac acggtgaaac cccgtctcta ctaaaaatac 420
aaaaaattag cggggcgtgg tggcgggccc ctgtagtccc agctactcgg gaggctgagg 480
caggagaatg gcgtgaaccc gggaggcaga gcttgacagt agccgagatc gcgccactgc 540
actccagcct gggcaacaga gcaagactcc gtctcaaaaa aaaa 585
```

```
<210> 3078
<211> 643
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
```

<222> (1)...(644)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (7)...(532)
 <223> similar to gi804808 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3078
 cgagattatt atgtaatggt aaaaggatca attccacaga aaaatataaa aattataaat 60
 atatacgcac cccacatgag actacattaa tatgtaaagc aaataatgac agttctgacg 120
 acagaaattg acagcactag taggagactt caataccccc cttacaataa tagaatatcc 180
 aggcagaaaa tgaataaaga aacagctgat ttgaacaagc acacacggaa cattctgtag 240
 gatagatcat atgttagttc acaaaacgag tttaaacaaa cctaagaaga tagaaatcat 300
 tccacgtatt ttttctaacc acagtggat aaaactagaa atcagtaaca gcaagaaaac 360
 cataaaatgt gtggaaatgt aaacacagtc ttgaataatc attgagtcaa gaaggaaatc 420
 aaaagggaat cttaacagta tcttcagaca aaaaggaaaa catagcatac tacaacctat 480
 gggatgaagc aaaggcagta ctaagagaga agtttctaga gataaacaat actacattnn 540
 nnnnnnnnnn nnnnggattt catttttctt tgggggaacc agtaaaaaaa caccacccta 600
 agcctagtgt ttgcttattg aaaaaaatat taggaattag ggg 643

<210> 3079
 <211> 995
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (298)...(811)
 <223> similar to gi530878 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3079
 cccacgcgta cgggtgcgggg caccctattt gacagctgct cctacctgtg ctacacacaca 60
 ggcaacaggt ccaagttcag catggcggat gaagacgcac ggcagaaccc ctaccagtg 120
 aaggccatgg aggtggtcaa cagcggctct gaggtctggt acagcaatgg gccgggcctc 180
 cttgtcatcg actgtgcctc cctggagatc tgcaggcggc tggagcccta catggccccc 240
 tccatggtta cgtcagtcgt gtgcagctct gagggcagag gggaggaggt cgtctggtgc 300
 ctggatgaca aggccaactc cttggtgatg taccactcca ccacctacca gctgtgtgcc 360
 cggtaacttct gcgggggtccc cagccccctc agggacatgt ttcccggtgcg gcccttgac 420
 acggaacccc cggcagccag ccacacggcc aacccaaagg tgcctgaggg ggactccatc 480
 gcggacgtga gcatcatgta cagtgaggag ctgggcacgc agatcctgat ccaccaggaa 540
 tcaactactg actactgctc catgtcctcc tactcctcat cccacccccg ccaggctgcc 600
 aggtccccct caagcctccc cagctcccca gcaaggtctt ccagtgtgcc tttctccact 660
 gactgcgagg actcagacat gctacatacg cccgggtgctg cctccgacag gtctgagcat 720
 gacctgaccc ccatggacgg ggagaccttc agccagcacc tgcaggccgg gaagatcctc 780

gccgtcagag	acctcatttg	ggtccccagg	cgcggtggag	atgttatcgt	cattggcctg	840
gagaaggatt	ctggcgccca	gcggggcccga	gtcattgccg	ccttaaaaagc	ccgagagctg	900
actccgcatg	gggtgctggt	ggatgctgcc	cgggaggcaa	aggacacttg	tgtgtgcaac	960
ctttgaaaaa	gaaaacacag	aggggtgcct	tgccg			995

<210> 3080

<211> 2717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2284)...(999)

<223> similar to gi5420387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3080

atagaaaact	gatactacgg	acataagaat	tttaaaaatt	tcttttgcca	aagctggcta	60
agggaatatt	tttattcttc	tgagggcagt	taaggcttct	gataagaaaa	gagagtctga	120
acagagcaca	cacatctgga	gctccaggag	tgggggatgc	agcatcagat	tccatcttga	180
atctctgcta	aaatactttg	tactcataat	ggatctcaac	aaagatctgt	atctcatctg	240
tggctccatc	ttccctctgg	gtcaagtaga	tgttaagctg	gaccttgga	cgctcttaa	300
catgaagaga	tctagctaga	cagacagact	ccccattta	tggaacaaga	attcaattta	360
ttctctattt	ataaaacatt	tttttaaagt	gccttgggta	taaaaatcta	aatgtctgcg	420
gtgtgatcag	tcaggagcac	gtaactatca	ctcttcgcac	cctttggtca	ctgggagatc	480
ctttgggggc	tgggaggtcc	ttctgtccca	ggctaaagga	aaagcttcac	aagggttaaga	540
gccacagaac	cctcggcaag	aaaggccggt	caggggagaat	gaatggtaca	gagaggaaag	600
gaaggaaagg	gggtggaaca	gaggtagaag	gcaagggaag	gatgccgcac	tggagaccga	660
tggggacact	ctaattgtgc	aagagggagg	atcttccttc	ttgaatgctg	aacacagcta	720
gtctgaacct	tccttggaac	gtccagctgt	ttgcccatgc	atagggccaa	ctctccctgc	780
aaagcagcaa	atgtggcttc	tatcaggaag	gaaaagtatc	catcagtgtg	acaagaggtc	840
accttcgaac	ttgcatgaac	tccttgcgca	gccacaaaga	gtcctggtag	aagtgaggat	900
cgctagtctt	tacggctgtc	cgtttataga	agtagcagta	caacactgct	gctagtctct	960
ggaatacaaa	cagcatttga	agtccatctg	tccatatgaa	gctgttgagg	ttttccagc	1020
gtaagttcat	gacccagaca	tgaagggaga	tgctgagggc	aaagtacaca	gctgtcagga	1080
tgatggtccc	tttgaactta	tggaatagga	ggttgaccag	gccagcctgg	aagacgaagg	1140
tgttgaagaa	catgaggaaa	atgatgatga	tgttgaagag	gactgcaata	tcctggatga	1200
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ggagcatctt	ccttctgttt	tctcgggccc	ccaagggcac	atcccacagt	tcccagaaaa	1380
ccgctcctgg	ctgtctccct	accactgagg	gagaggcttc	tagttccttt	gaatgagagc	1440
tgtttccctt	gctctaaggc	aagcacctcc	aaactccaac	gtcggttgtc	atgcggcacat	1500
cgtcccggct	tccggaagcc	ggctttaaat	tccggaagta	aatggaggag	gcgggccccg	1560
tctgcgccgt	gcggcctgct	agtccccggc	tttctcttcc	cgctctatgg	ccagtctggc	1620
cgccatgttg	gagctttcgc	tgttcggggc	ccggcctgct	ccgggccctc	ccagcgtcgc	1680
cgctagctga	cttagggctc	ccgcccacac	tgcgcacggc	cttgctgagg	gccggctcgt	1740
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ggggctgatg	catcgcagca	gtcctggacc	ctgacttcgg	acttgagaaa	gaaacgccga	1860
ggaggaacgg	gagttagggg	gttagcagct	tggcgcgctg	ggagccggcc	acccctggtc	1920
tccggacttc	acttcccagg	aggcctcgcg	cgcgactgga	agtgtctcga	gcctataaga	1980

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ctgtgaaatg	tactaaataa	aatgtacatc	tgaagatgat	tattgtgaaa	ttttagtatg	1500
cacttttgtg	aggaaaaaat	ggaatgggtc	tttaaacagc	ttttgggggg	tactttggaa	1560
gtgtctaata	aggtgtcaca	atttttggta	gtaggtat	cgtagagaag	tcaacaccaa	1620
aactggaaca	tagttctcct	tcaagtgttg	gcgacagcgg	ggcttcctga	ttctggaata	1680
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aacagcttta	agtctaaata	caaagctgtt	ctgtgtgaga	attttttaaa	aggctacttg	1980
tataataacc	cttgtcattt	ttaatgtaca	aaacgctatt	aagtggctta	gaatttgaac	2040
atgtgtggtc	tttatttact	ttgcttcgtg	tgtgggcaaa	gcaacatctt	ccctaaatat	2100
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gggctgacct	ggagcagagc	atggtgagag	gcaaggcatg	agagggcaag	tttgttgtgg	2220
acagatctgt	gcctacttta	ttactggagt	aaaagaaaac	aaagttcatt	gatgtcgaag	2280
gatataatac	gtgttagaaa	ttaggactgt	ttagaaaaac	aggaatacaa	tggttgtttt	2340
tatcatagt	tacacattta	gcttgtggta	aatgactcac	aaaactgatt	ttaaaatcaa	2400
gttaatgtga	attttgaaaa	ttactactta	atcctaattc	acaataacaa	tggcattaag	2460
gtttgacttg	agttggttct	tagtattatt	tatggtaaat	aggctcttac	cacttgcaaa	2520
taactggcca	catcattaat	gactgacttc	ccagtaaggc	tctctaaggg	gtaagtagga	2580
ggatccacag	gatttgagat	gctaaggccc	cagagatcgt	ttgatccaac	cctcttattt	2640
tcagagggga	aaatggggcc	tagaagttac	agagcatcta	gctggtgcgc	tggc	2694

<210> 3082

<211> 671

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(672)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (156)...(615)

<223> similar to gi546454 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3082

tttcgtcggc	cattttgggtg	gctggggcat	ccttgacaaa	cttggcagca	actttggctg	60
cctgggcagc	ggaggatgtg	gcagcggcgt	atgctgcggc	ggcagcggcg	gcgatggcag	120
cgggtggttt	cagccgggtga	agggcagact	ggggagcctt	aggctgtgct	tccttggggg	180
ccccatcctt	gccaactcta	tccttggggg	ccccatcctt	gccacctcta	tccttggggg	240
catcatcctt	gtgagctcta	tccttggggg	ccacatcctt	gccacctcta	tccttggggg	300
catcatcctt	gtgagctcta	tccttggggg	ccacatcctt	gccacctcta	tccttggggg	360
ccccatcctt	gcgagttcta	tccttggggg	ccccatcctt	gcgggccctc	tcccgaaggc	420
cccttaggct	ggggacatca	ttttcctccc	cctttacttg	gacagctgcg	agctggaggg	480
cttctccctg	gcgagactga	tatggctgga	gtggtcgagg	ccacaatgag	ccaaactcag	540
tggctggtgg	tggggccctg	gaggggtggg	gctgagttgg	ccgcaggaca	cctaagtccc	600
agaattccac	cgcntgggtc	aatgatctac	gaacctaata	gtctacaatn	gggggggcgg	660

<210> 3083
 <211> 508
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (55)...(137)
 <223> similar to gi509397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3083
 ttctgtgccg ccatctgctg gcggctgcgc tcaactgcacg ccttcgtctc cctagaccgg 60
 taccgggaggt accagtggat cggactcaac gacaggacca tcgaaggcga cttcttgttg 120
 tcggatggcg tccccctgtg tcctgtgggc cgccaccgga gctgcccctg gctcaagtgt 180
 tcggccgccc acggtctgcgc tatgaggtgg acaactgtgct tcgctaccgg tgccgggaag 240
 gactggccca gcgcaatctg ccgctgatcc gatgccaaaga gaacggctcg tgggaggccc 300
 cccagatctc ctgtgtgccc agaagacctg tgagtgccag gaagaggcag gtgggagtgg 360
 gagacagtag ccaacagtag ccttgactc cacttaaagt cctgcctgtc actggccatg 420
 tgaccttga gccatcactg cccctctctg aggcaaaggg gaagaggtgg gctggaggct 480
 ctgggggtcc ttcagtgtg atgtctga 508

<210> 3084
 <211> 820
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (57)...(216)
 <223> similar to gi4063011 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3084
 ctgtgccgac gccaggagac cccaagctgc atcgccgagt ggaagcaact agaactccag 60
 ggctgtgaaa gccacaggtg ggggctgagc gaggcgtggc ctcaggagcg gaggaccccc 120
 ccaactctcc tcgagcgccg cagtccaccg tagcggtggg agcccgccctt ggtgcgcagt 180
 tggaaaacct cggagccccg ctggatctcc tggttgccac ccgcaccccc cgccagccta 240
 cgggtgcgcc gcgggcccag cttctctctg cgctgtctcc cgttaaattc cctggggaga 300
 cggaaaaaaa ggcaaaggaa gtcggttctc caggggccag aagtgttgag cctaattagt 360
 cttcagactt ctcaatgagg aatcgcttat cagtttctta tctgggagag ttgaggatgg 420

agggacagaa	ggcaccag	atttgcac	ggggggattc	agggagagag	ggtgatgagg	480
gacgggggtg	gccttccagt	cttggcccag	tcccatctt	gcacacattg	ttggcttcct	540
cttagagccg	ttcgcccccc	tggggagggg	agaccatag	tgacctctcc	tgacacccgc	600
cgaccctgac	cagtgttgcc	gggttcttca	aaggccacgc	tctgactgct	ggtctgtgtc	660
acctgcaccc	cccagcccca	ccgtagagat	gccttcttcg	gtgacggcgc	tgggtcaggc	720
caggtcctct	ggccccggga	tggccccgag	cgcctgctgc	tgctcccctg	cggccctgca	780
gaggaggctg	cccatcctgg	cgtggctgcc	cagctactcc			820

<210> 3085

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (676)...(114)

<223> similar to gi451544 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3085

cccagctggc	aggcggctgt	gtccctgtag	aagggatgct	ccatccagcc	tgctactccg	60
gagctcgcgc	ccacagcgag	ggccctcgca	gctctatctg	gggactctgg	taccagttag	120
cacttcttgt	tcttgtcatg	gggccagcca	ggccctctct	gaggtggcac	ctaccgcctc	180
ccaggcctgg	tgggaggggt	ggccctgccg	tcacaggcag	acctggctag	gatacttcca	240
gcctgggatt	cgctctgaa	gaggcagcag	ctgctagtgg	aggtttctta	gacaaggacg	300
caggatgggg	caggagaggg	gaggggcatg	ggtctgggac	aaatgatggc	agtgccagca	360
ctgcatctcc	cattgtgcag	ggagtagccc	gccctggaag	tagggttggg	ggtgaagcgt	420
gttggaagat	gtgggagagg	tgtgattcca	gtaatgagtc	ttataacttg	ggagcagcca	480
cgcgtcacc	aggcagaagg	acctgggtgg	agagctgccc	gggggagtga	ggacaggtgc	540
agactgggtg	gaaggtgggt	ggggagaaca	acccagctg	gacagggggg	ttcccctaga	600
gccacagtcc	cacctgcccc	atgaagacct	gggagcaact	aaatctgggc	tctgcggggc	660
aggggtgggg	ctggggcccc	tatgcctcct	gtcactagac	ctgcctgtcc	tgcc	714

<210> 3086

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(334)

<223> similar to gi4581166 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

00483735-013100

```

<400> 3086
caggaggagg aaaaggaaac aaccaggcca gtcattggtgt ctcgtgccta cgaggaggag 60
gaggaagcgg aggaggggaa aaaaaaggag gaggaaaaag aaacggagca caaggagttg 120
gaggaggagg aggtggagga ggaggaggga aaagaaatgg agcaggagga ggagggaaaa 180
gaaatggaag aggaggagca ggaggaaaat gaaatggagg aggaggagga ggaaaaagaa 240
atggaggagg aaaaataaac aggaggagga ataagaaacg gaggaggaag aggaggagga 300
ggacaaagaa acagccaggg ccgacgtgga ggctcacccc tgaagtccag ctgg 354

```

```

<210> 3087
<211> 644
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(645)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(438)
<223> similar to gi56522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3087
atcaatggaa caaaatagac aatctagaaa tagagccaca caaacatgaa caacttggtt 60
ttgacaaagg tgcaaaggca attcattaga gaaaggatag tcctttcaac aaataatagt 120
ggaataattg gactgtatgc taaaaatatg aatccagagc taaagcttat acctttaaca 180
aaaattaact caaaatgatt aatacatcta aatacaaaat gaaaagctgt aaaactttaa 240
aaaacaaaaa tacattcatg atctggattt aggcaacaag ttcttaagac accaaagcat 300
agtacatttt taagaattgg taaattggat tttatcaaaa ttaaaaactt ttgctctaaa 360
aatacacaat taagagaata aaaaagacaa gcaacagtct aggagaaaat atttccaaat 420
cacatatcag acaaataacn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnagtgcctt tcggacgcgt 600
gagtcgactt ggcaaaaccg gaccgggtcg ttccgaagga agta 644

```

```

<210> 3088
<211> 2306
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (87)...(2181)

```

<223> similar to gi5689513 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3088

gcggtggaat	tctgagggtc	ttcacttcgg	tgaactgaac	ccttgaagcg	gctgtgggca	60
gggcagcagg	gctatggcca	ccccccaggt	tcgcctttgc	cgacgcaaga	gccccactgc	120
cctcctgggt	gcgccccac	gtcaggggtg	atgacaactt	tggccatgtc	atccgagacg	180
tggccaggtt	cttccgtgtt	gccgagcgaa	ctttctgcag	atgccagcgc	cggccccccg	240
ggctacagca	cccagtgtgc	gtggagaaga	tgctgtcagc	gaggccaagt	cgctggcccc	300
cttcttctcc	accaggaaaag	ctaagagtct	ggacctgcat	gtccccagcc	tgaagcagag	360
gtcctcaggg	tcaccagctg	ccggggaccc	cgagagtagc	ctgtgtgtgg	agtatgagca	420
ggagccagtt	cctgcccggc	agaggccccag	ggggctgctg	gccgccctgg	agcacagcga	480
acagcgggcg	gggagccccg	gcgaggagca	ggcccacagc	tgctccaccc	tgtccctcct	540
gtctgagaag	aggccggcag	aagaaccgcg	aggaggagg	aagaagatcc	ggctgggtcag	600
ccaccgggag	gagcccgtgg	ctgggtgcaca	gacggacagg	gccaagctct	tcatggtggc	660
cgtgaagcag	gagttgagcc	aagccaactt	tgccaccttc	acccaggccc	tgcaggacta	720
caagggttcc	gatgacttcg	ccgccctggc	cgctgtctc	ggccccctct	ttgtgagga	780
ccccaaagaag	cacaacctgc	tccaaggctt	ctaccagttt	gtgcggcccc	accataagca	840
gcagtttgag	gaggtctgta	tccagctgac	aggacgaggc	tgtggctatc	ggcctgagca	900
cagcattccc	cgaaggcagc	gggcacagcc	ggtcctggac	cccactggga	actttccaga	960
tgctctcgac	cagctttgtg	gctctacatc	tcttcatcag	gaagaacggc	gccggatccc	1020
aagctgaccg	tgtccacggc	tgcagcccag	cagctggacc	cccaagagca	cctgaaccag	1080
ggcaggcccc	acctgtcgcc	caggccaacc	ccaacaggag	accctggcag	ccaccacacg	1140
tgggggtctg	gagtggcccag	agcagggaag	cagggccagc	acgccgtgag	cgctacctg	1200
gctgatgccc	gcaggggcct	gggggtccgcg	ggctgtagcc	aactcttggc	agcgtgaca	1260
gcctataagc	aagacgacga	cctcgacaag	gtgctggctg	tgttgccgc	cctgaccact	1320
gcaaagccag	aggacttccc	cctgctgcac	aggttcagca	tgtttgtgcg	tccacaccac	1380
aagcagcgct	tctcacagac	gtgcacagac	ctgaccggcc	ggccctaccc	gggcatggag	1440
ccaccgggac	cccaggagga	gaggcttgcc	gtgcctcctg	tgcttaccga	cagggtccc	1500
caaccaggcc	cctcacggtc	cgagaagacc	gggaagaccc	agagcaagat	ctcgtccttc	1560
cttagacaga	ggccagcagg	gactgtgggg	gcgggcgggtg	aggatgcagg	tcccagccag	1620
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atcgctgggc	agcaggccac	gggagctccg	ggcgggcccc	tctcagcagg	ctgtgtgtgc	1740
cagggtctgtg	gggcagagga	cgtggtgccc	ttccagtgcc	ctgcctgtga	cttccagcgc	1800
tgccaagcct	gctggcaacg	gcaccttcag	gcctctagga	tgtgcccagc	ctgccacacc	1860
gcctccagga	agcagagcgt	catgcaggtc	ttctggccag	agccccagtg	agtgccacg	1920
gaggccccca	gcacacccaa	cgtggccttg	tcacctgcct	gtccagctct	ggtgggcca	1980
gaaccacccc	aacagaatag	gccagcccat	gccagccggc	ttggcccgt	gcaggcctca	2040
ggcaggcggg	gcccattggt	ggtccctgcg	gtgggaccgg	atctgggcct	gcctctgaga	2100
agccctgagc	taccttgggg	tctggggtgg	gtttctggga	aagtgtcttc	ccagaacttc	2160
cctggctcct	ggcctgtgag	tggtgccaca	ggggcacccc	agctgagccc	ctcacgggga	2220
aggaggagac	ccccgtgggc	acgtgtccac	ttttaatcag	gggacagggc	tctctaataa	2280
agctgctggc	agtgcacaaa	aaaaaa				2306

<210> 3089

<211> 1393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1393)...(1099)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3089

aaattagaag	cagtagatct	catggagcca	cgtttaatat	gtgtagccac	agtaactcga	60
attattcatc	gtctcttgag	gatacatttt	gatggatggg	agaagagta	tgatcagtgg	120
gtagactgtg	agtcacctga	cctctatcct	gtagggtggg	gtcagttaac	tggatatcaa	180
ctacagcctc	cagcatcaca	gtgtaagttg	gtatacagaa	aagggtgcct	tttgtaaaaa	240
tcagcaattc	tccagaggac	tatctcacat	aagtcacctt	atgagctcac	aggacaagaa	300
tatacctatg	tctgattggg	tgccaggtaa	gacattaaga	ctcaacaaca	atatcacaga	360
atcagaccat	gtgtcccatg	gcaatgtgaa	tccaatagtc	aattacataa	tgactataga	420
aacacaacag	tcaccaaatt	aaactagact	tactatttta	gtgagttaaa	aattacatac	480
taaaagttta	ttggtaggta	ataaatgctt	ttgagtaa	agtggaaa	gtctcatgtt	540
gaggctatgg	ttttgtagga	acaagtaccc	ttattttcag	agcatcatgt	acttaagtat	600
aatggtcttg	gtaaagatag	ttcatataag	ttgtatctag	acaactgtat	cgtctaaatt	660
gtaacaatt	atctagtacc	aattttccct	ttttattttt	cagcatcaag	agaaaaccaa	720
tcagcttcat	caaaacagaa	gaaaaaggct	aagtcaccagc	aatacaaagg	acataagaaa	780
agtgggtcac	cacgtggtgt	tcacatacat	tttctaattg	ttaactaatt	ggagtcacag	840
tattcttgga	cagaaaatga	tatatcttgt	gagaactgat	gattgtgcat	tatgtattat	900
gcttaaagg	gcagtatgcc	ataaaaggca	aacccttgca	ataatgagaa	acactgatat	960
tttactaaca	ggagaaatta	ttaccacagt	atttaaagta	tacgtggtaa	agaatagagt	1020
ctgtgaatga	ttcttgaaat	aatatgtaaa	acctactgaa	agttaatcct	ttttaaaaac	1080
tttatttaaa	aagaaaaatt	agcagccagg	tgcagtggct	cacgcctgta	atcccagcac	1140
tttaggaggc	cgaggctggc	agatcacaag	gtcaggagat	cgagaccatc	ctggctaaca	1200
cggtgaaacc	ctgtctccac	caaaaatata	aaaaatctgc	cgggctgtgt	ggcacacgcc	1260
tgaagtccca	gctactcagg	aggctgaggc	aagagaatca	cttgaaccca	ggaggcagag	1320
gttgacagtga	gccaagatca	cgccactaca	ttccagctgg	gcaacacagc	aagactctgt	1380
ctcaaaaaaa	aaa					1393

<210> 3090
 <211> 904
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (235)...(752)
 <223> similar to gi2980817 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3090

tgctctgaca	aggctgtaaa	gttgaagtgt	aacacaaagg	ttaggtgccc	aactcctgat	60
tttgaggacc	ttcctgagag	ataccagaac	cacctctcag	aacacaagtc	tccaaaactc	120
ttaacagtgt	gtaaaccatt	tggtcttcat	gcatctccac	atgcatctat	taaaagagaa	180
aaaatttttg	cagacatcga	agcagatgaa	gaaaatttaa	aagaaacacg	ttggccttat	240

atgcaggggcc	tgacgggtgac	aagcgggatg	aggatggcga	gtctgggggg	caacggtcag	1560
aggctgagga	gggagagggtc	aggactccaa	ccaagatcaa	ggagctaaag	ccggagcagg	1620
aaaccacgcc	gagacacaag	caggagttct	tagacaagcc	agaagatgtc	ttgctgaagc	1680
accaggccag	catcaatgag	ctcaaaaagg	ccctgaagga	gccaacagc	aaactcatcc	1740
accgggatcg	agactgggaa	cgggagcgca	ggctgccctc	ctcccccgcc	tccccctccc	1800
ccaagggcac	ccctgagaaa	gccaatgaga	gagcagggct	gagggagggc	tccgaggaga	1860
aagtcaaacc	accacgtccc	cgggccccag	agagtgcac	aggcgatgag	gaccaggacc	1920
aggagaggga	cacgggtgttc	ctgaaggaca	accacctggc	cattgagcgc	aagtgtctca	1980
gcatcacggt	cagctctacg	tctagcctgg	aggctgaggt	ggacttcacg	gtcattgggtg	2040
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aaagcgactc	ggacactgag	ggcctgctgt	tctcccggga	tctcaacaag	ggggccccc	2160
gccaggtatga	tgagtctggg	ggcattgagg	acagcccggg	tcgagggggc	tgctccaccc	2220
cggatatgccc	ccagtttgag	cccgtgaaaa	cagaaaccat	gactgtcagc	agtctggcca	2280
tttaggaaag	aagattgagc	cggaggccgt	actgcagacc	agagtctccg	ctatggataa	2340
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catcaccacg	gagaccatat	cgaccaccat	ggagaacagt	ctcaagtccg	ggaagggggc	2460
agctgccatg	atcccaggcc	cacagacggt	ggccacggaa	atccgtttctc	tttctccgat	2520
catcgggaaa	gatgtcctca	ccagcaccta	cggcgccact	gcggaaaacc	tctcaacctc	2580
caccaccacc	catgtcacca	aaactgtgaa	aggaggggtt	tctgagacaa	ggatcgagaa	2640
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caaggaggcc	aaactgcagc	atcctgatat	gctggtaacc	aaagctgtcg	tatacagaga	2760
aacagaccca	tccccagagg	agagggacaa	gaagccacag	gaatcctgac	ctctgtgaag	2820
agatcctggc	atcttctggtc	caacccaagc	cagagaacca	ttaagaaggg	gccttcattc	2880
tggattctcc	gacgcaacac	tgacgtccca	gctgcgacgt	actgtcactg	atgagagact	2940
gggaagggaa	aagcatatat	atatagatat	atagagatat	agatatatat	acaggaaaca	3000
ccgcatecct	gcaactgtgc	tggggctggc	agagcagttg	gctgacagca	acaaccgaca	3060
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ctaaaaattc	ccagctaagc	cttttctctc	actctcttcc	ttgttctgaa	tcatttcttc	4440
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cgaattttct	agttccattt	tacctccag	tcctccttct	aaaccagtta	ataaattcat	4860
tccacaagta	tttactgatt	acctgcttgt	gccagggact	attctcaggc	tgaagaagg	4920

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gggaggggag ggcggaacct gaggagccac ctgagccagc tttatatattc aaccatggct 4980
ggcccatctg agagcatctc cccactctcg ccaacctatc ggggcatagc ccaggggatg 5040
ccccaggcg gccagggtta gatgcgtccc tttggcttgt cagtgatgac atacacctta 5100
gctgcttagc tgggtgctggc ctgagggcag ggcaggaaaa tcagaatagc atttgctttc 5160
tctggggcaa aaatgggaaa gttcagcggg gcagcagaat cagtggcatt cccctggtg 5220
caggccgggtg ggtccactcc aactccccct gagtgtagca gcacactttc catacaccag 5280
gttcttttta caatcctggt ggaaaagcca cagaaccttc ttctgcccct tcttgagagt 5340
tccccctctt tctgggtcaa gagctggagt ggtggctcca tcctctctgg gccacttcgg 5400
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tctccacca ggaggccatg tagcatagt gaaaaagtcc ctgagggcgg ttaggagttc 5820
tgggtgacca tcctggctca gtccttaact caccatgtga catcaggcta tccccattcc 5880
ccctcttggg cctcagtttc ccgacttgca aaataagcag aaagaaccag atgctctcca 5940
gggtcttttt ctactttgct atctcatggg tcttcatatt ctcttatttt gttttctctg 6000
gatcttttcc atctgagggt acaggaagta ccaggacctg tttcagtttt tgaatcctgc 6060
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tttcaaaagc accttaacaa ccaattgcga tgctgtcctg ttctttttta ctcacacct 6180
tctctccttt ctctgtccca tgctcccca cctcagtgct ccgtgctgta tgcgtgtgct 6240
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aaaaa 6305

```

```

<210> 3092
<211> 1595
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1596)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (928)...(1545)
<223> similar to gi5917666 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 3092
tttttttttt ttcttttaaaa ccattttactt acaaacttta attcagcaaa ggtccgtgtg 60
gggagactgg ggtgggggtcg ggggaatagt ccccttgagg tggatgtgga ccccagagt 120
caagggaggg aagctgggtg gccagttggc tgggggcaag gccagggtc acctcaggtc 180
gacaggctct gctgggtgggc gggcccagag tttatcttca tggagtgtg gtttctggca 240
ctgggctgga aggaggccag ctccagggat ctggccgggg gtgggcaggc agaattcaag 300
aattcatctt caacaagcga gtgacagcag aggtccggg agatgggcac aatgtccgac 360
tcccacagac agacagcagg ggactggcag agaaagccca tctctgcac gagggccggg 420
taggaggggg tgggtggggcc ggttcgccaa gatgaaggct ttccccctct actgtcccca 480

```

```

gggtggagat cctgggtagg gtggcccaat ccctaggcca gagctgtttg gtccatagtc 540
aagctcccag agcttggcat ctgtggctct ggccagcagg gcctggggcc cagcttttaa 600
ggcatcagaa ggggaggggg ctgaggcagg gaccccgggc cccacggctg gggatataggc 660
cagatgggca ggcaggggca ggagacagcc atgcctgcag caaatgtggg aaaaacagct 720
gtttcaaacc gcaaggtgtg gaatggtggc ccggacaggc cgggccttga aggaatcaga 780
gctgggggct gtccgggggtg gtttgaaaaa taaaacttag aaaaggaaac agaagtcagt 840
tgtcaaagtt aaaaaaaaaa ggagacagtc tctgtatctt cacgggaggt cagggaacc 900
tccaaggcac tcgaaaggcc aaaattacag gagcaatgag gcaggagggc tccggagaga 960
cgggcacagc ggaggaggag atggggggag ggaggagag caggccgggg cccctctctc 1020
ttaaggctgc agggtttcag cgtggggagc aagccagaga cataatgagg cctccagact 1080
ccccacacc ccttgggctc ctggggctcc ggctgattgg tcagtaaagt ctttcagaga 1140
tttttctatt accgaaagag agaaaatggt ttaaaaaaaa caaaaacaa aacatcagaa 1200
aacccaaaag cgatttgggtg caggcccttg agttatctct ggtgccagcc acttagaaaa 1260
tcctcttccg cttcaggtag gaggcccgct agtgcccgcc gaggccctgg gagtgtctggc 1320
ccacatagct gccttctggg ctgggctcgg gcgagggcag cagggtggca aagctgcgtt 1380
tctgcccgcc cagtggggtc ttcagcaggg ggctgtgacc attaggcccg ggggtgaggc 1440
ccaggagccc ttccccggac cccagcgggg aagagccgat tgccttactg aggtggctct 1500
gcttgaggcc agcctgcagg ccgctggtta gtattcctgn nnnncgtnt tcgagactgc 1560
agtncgggcc ccctgggtta ttcctnncgg gcccc 1595

```

```

<210> 3093
<211> 1123
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1122)...(599)
<223> similar to gill177607 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3093
ttttgagacc atttgtcgat ccctagtcca tgtggtggaa ttcgttttga ctgagcagaa 60
tggtgccatt gcagatcaac acgcacttta aataatcaaa acccctatct tccccctggg 120
aaggaggaag ccgaggaagg ctgtgtttct gactcacacg ggggagtcgg gggagtcgta 180
aacaaccctg aagagaacag ccaggcctgg tgagtactc ctgggagtggt ctcctcccca 240
ccctgccacg cagcggcaac tgcgggctgg gcctaccccc tgggtggccac gctccctccg 300
caccggcct ctctctgtgg catgggggag gccatgcccc ttggtggaga tgaatgggag 360
tgagagctgg ctggctgggc aggcaggggc ttgcctcttg ctgactaagg cagccctgga 420
ggggcccagc catggggcag gaaccagtt gccatcctca gaggcaggat cattggccgg 480
gctcggggat cagggcctct gtggtcccgg cagcctggc ccgtgagact gtactctgca 540
cgactcctcc aggtggccag ggtcacccga actggtctgc tctcctctgc cagttgccgg 600
aggtctgggc accaggccaa ttctcacctt cccgccaggg ttaaacatta gtgggaggtt 660
atcagcgtgg gccaggggag ggagaggggg gaattcaact ctgtctcctc tgcaggagcc 720
accagttccc gcaagcccag acaatgccgg tggaggaatt tgtggctggc tggatctctg 780
gtgagacatt tttcttctt ctgtcacatc acacccaatg gtaggtcact tcctcgggaa 840
gatgggtgac atgggaggag cagagaccaa agtctgagtt ccggcctggc gggaggatca 900
cttgagccca ggagtttgag accagtctgg gcaacatagg gaggcccttg tctctacaaa 960
aaaatcaaaa taattagctg ggcattggtg ctcacacctg tagtcccagc tacttaggag 1020
gattgcttga gctcaggagt tcaaggctgc agtgagctat gactgcacca ctgcactcca 1080

```


gcctgggtga caaaatgagc ccctgcccc aaaaaaaaaaaa aaa

1123

<210> 3094
<211> 1369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1371)...(351)
<223> similar to gi4206386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3094
tttttttttt ttctgatcag actcttttta ttgttttggt ttttataaac aagtctcagg 60
tggaaaaaga aagaaaggga ggagctagct ctctgccttc tcagccaatt gaaatcgtgg 120
aaaccaatgg gcttcagcta gccccactca tcaactgctgg gggggaaaag acatccctac 180
tccccttccc cgtggcactc atgatattct caatgcccc acaagggtca tcttggttcc 240
tctcggcgtt tctgtcctgg cctttggctc tggtccggc tctgactccg actccggctc 300
cggccagggc cccgggagcc cctagagctg ctggagcccc tggaagagtt gctgccggcc 360
gtggaacatg tgctggtgcc ctggccccgg gacaggaagc ttggtctgct gtatgggagc 420
caggcctctt catctgggtg gaggacccgc tgggctgcca ggggcacggc ctggaccgct 480
ttcctctccc cactgcgtc ccgctccagg gaggacatgc tgctgctgc cctcagctct 540
agggccccagc tcgcctcttc ctctggcggg ggcaagggtg gtgggggcaa gtccccagga 600
ctgttctccc tcctgtaggg aagagccttg ggtttcttcc ggaatcgagc acggggtcct 660
tgaagtgggg gagtcatctc cccattcccc tgccagggtc tgctggggc actgctggct 720
gtgctagggg caggactggg gctgagggtg ggtgaggctg cagggccagc acccaagcca 780
gcaggcctcg cttcacggat gccagcatg ggctgggata cactgagagg ggaactcggc 840
ccaaggggca cctcctggg catctgatgg agatggggca tgtcagttgg gggctgggga 900
gggtcaggag gtgagggtgt aagagtggct gtggactgct gtccatagga aggtgtggga 960
gaggggggtt ccttcggga tggggtgacc aggcaccctc cactggagct gggctccgtc 1020
aggtgacttc tctcaggcat tggcgggcac cactcctctg gctttgagct gccctccagc 1080
tcctcctccg gcccttctag gcagctcagt tcacaagaag gaggaggtgg gggcagggct 1140
tctggccagt tcagagaggg catctgcaca ggtttcccca gaagcttcac ttgcctccc 1200
ttggctccac tgtccccctg gctccactct ggaggagcgt tctggctcca gggaccaga 1260
tctcctgagg gatgttgggg gaagccccc tgggaaggtct gcagctctct accccgctgg 1320
gtcaatggtg ctatagacag gaccctcccc aggggggggc gggccctg 1369

<210> 3095
<211> 860
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (719)...(848)

<223> similar to gi4115936 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3095

caagatcccg	acaggcttaa	tcgctccctt	aaggaaaaag	ttattccttg	catccgcggt	60
aaacttgggc	ccccccaagg	atccttttaa	cgggccgccc	cttttttttt	ttttcaattt	120
cttcaacagg	tcatgttcaa	tttcttcaaa	gttttaacat	aaaaataatg	agagccagga	180
gtggggccgg	ggcctggggg	gacgaagggtg	gtatgtgaaa	caagggttggc	acacaggcct	240
cacctcctc	tgcctcagat	tcccaagtgg	gcagggtggg	gtgaatgggg	ctccgggtag	300
cacctcagct	cctctcagct	cccctcagcc	tgttctcctt	ccagacccag	agagctgaga	360
agagtagctg	tgaggctcag	ggcagaggct	ctctgccttt	caggaacagc	ccttaaccct	420
gctccccctg	cttgggcctc	aggaagggtgc	cgcgagctct	cctgccgtcc	ctgggccgcc	480
ctggctctgc	tgtgtccaga	tggtcaggct	actgccagct	ggggccttgc	tgctctgaag	540
tcccaggaag	ccagggttct	gcaggagcct	cttgcccca	ggctgggttg	ggaagacgtc	600
ctccaggaag	tagtagatat	ggcccaccgc	aatccccagc	aggtccacga	ggatggagtt	660
gccagcagc	agcgagaagc	ccatgagcgc	ccaaggcagg	aacggtgcct	ggaacttccg	720
gaacacaagg	tgcgggttga	agtagagttg	aaaggggctg	aggagctcca	gctgcaccgc	780
ggcgggtggtg	aggacacagg	ctgcgggtgta	agcccgcgtc	accgccggca	cctgcaggaa	840
ctcggccgct	agtccctgcc					860

<210> 3096

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(769)

<223> similar to gi643658 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3096

ggatggtcgg	ctgggtgggc	ctggacggct	ggatgggcct	gggctgggtg	ggcctgggca	60
gctgggtggg	cctgggcagc	tgggtgggcc	tgagctaggg	cagcagggcc	tggtcacgc	120
cgctgcctca	gatcccgcag	gcggagctgc	caggggccac	cctgcagggtg	cagcttttca	180
acttcaagcg	cttctcgggg	catgagcccc	tgggtgagct	ccgtctggca	ctgggcaccg	240
tggatctgca	gcatgttctg	gagcactggg	acctgctggg	cccgcgggct	gccactcagc	300
ccgagcaggt	cggggagctg	tgcttctctc	tccggtacgt	gcccagctca	ggcgggtga	360
ccgtgggtggt	gctggaggct	cgaggcctgc	gtccaggact	tgacagagcc	tacgtgaagg	420
tccagctcat	gctgaaccag	aggaagtggg	agaagagaaa	gacagccacc	aaaaagggca	480
tggcgccccc	ctacttcaat	gaggccttca	ccttcctggg	gcccttcagc	cagggtccaga	540
atgtggacct	ggtgctggct	gtctgggacc	gcagcctgcc	gctccgaact	gagcccgtag	600
gcaagggtgca	cctgggtgcc	cgggcctcgg	ggcagccccct	gcagcactgg	gcagacatgc	660
tggccacgc	ccggcgcccc	attgccacgc	ggcaccctct	gcggccagcc	aggaggtgg	720
accgcatgct	ggccctgcag	ccccgccttc	gcctgcgcct	gcccttgccc	cactcctgaa	780
tgcaccacat	gcctctgtct	ccccgctgag	cccaggcact	tgcccaggcc	gccctgcagg	840
accactgcaa	taaacgcatt	ctcctgccaa	a			871

<210> 3097
 <211> 885
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (802)...(867)
 <223> similar to gil334643 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3097
 agggagctgc ccctcacgcc agagcagctg gaggctgtgt ttgaaagtct ggaccaggct 60
 cacactggct ttctcaccgc cagggagttc tgctggggcc tggggatgtt tgtgggggtg 120
 gcgtcagccc agggagcgaa cccctgcagg actcccagg agacctttga gtcgggcggg 180
 ctgcagctgc agggcacggc gggctctctg gatgaggagg aggaagagga ggagcgattc 240
 cacactgtgc tggagcagct gggggtggcc ccggtcctgg gcgagcagcg ggctgtgagg 300
 acgctctggg ccaggctgca gcgcgagcgc cccgagctgc tgggctcttt cgaggatgtt 360
 ctgatacgcg cgtcggcctg cctggaggag gcggcccggg agcgcgacgg cctggagcag 420
 gcgctgcgga ggcgcgagag cgagcacgag agggaggtgc gcgctctgta cgaggagacg 480
 gagcagcttc gggagcagag ccggcgcccg ccgagtcaga acttcgcccg cggggagcgg 540
 agaagccgtc tggagctgga gctgcagatc cgcgagcagg acctggaacg cgcgggcctg 600
 cggcagcggg agttagagca gcagctgcac gcccaggctg cgagcacct ggaggcacag 660
 gcccagaact cccagctgtg gcgggcgcac gaggcgctgc gaacgcagct ggagggggcg 720
 caggagcaga tccgcaggct ggagagcgaa gcacgaggcc gccaggagca aaccaacga 780
 gacgtggtcg ccgtctccag gaacatgcag aaagagaaag tcagcctgct acggcaactg 840
 gagctgctca gggagctgaa tacacggctg cgggatgaca gggac 885

<210> 3098
 <211> 3658
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3659)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (3659)...(391)
 <223> similar to gi532056 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3098
tttttttttt ttttaagatag aaatctatgc actttaatga ttgccagaat tgcccagcat    60
agcttcagta aaatagagaa ttgtctagaa aatacaatct ccaaaatgtg tgcaagtact    120
gcaaacccgga cagaccgggg cagggcaagg cccttgaaac caagtcctcc ttgagcacct    180
ttcccagggtt agaaaaccct cttcagcctg tgcttcgcac gtttccttca gcggtccgcc    240
cattcagact gcgccaactt acgtccccag tgcccacgcc tngtggatc aagtgtccaa    300
cgggaaagta tgagttaggg caagcgcttt ttttttaagc tgtaaacgct tcacatgact    360
gggccccgta aggaaattgt ggggagctta ggatgagcct gggagctttt tcagggactt    420
ggatgaggac tctgtacaca aatgtgtact ggcagagagt ctgcaccagc atcattctct    480
gttgccctca gcatgtccag cactctcggg atgtccagca cctcattgtg ttccaggcag    540
gcgatcatga tctccgacaa aatcaccagc ccagtccctc ctaccccagc actgcagtgg    600
accaacaacg gaggggttggg gctttggggg tcacttgtgc tatttgtagc gcgtcgaaca    660
gactggatct cttcaagata tgataaaaaat cccttgaggt cttctggaca gccatgttca    720
ggccagtctg tgtattggag gtgccagacg gtcctctctt gcccggttaag gagggtgcttc    780
atcttcaggc ctgtggtggc atagcagcca gagtctgtgc ggaaccgggt cgtgatctta    840
aaccttccat aggtgacagt gttgtgcctg gaaccaagtc gtggccagta cctaaagctc    900
ttctcccttc caccctctc ttctgctgtc accattgcta taattgcaat tccctgttcc    960
cataccatct gccaaaaatc ttgacaggta ttctgtaatg gtccctgtgt ggcaatataa   1020
tcccattcga ttccactgac agagacccta atatgtgatg cgttgatgta accagtgttg   1080
ttttcttttag ttgggaccaaa ctccactctc acatcatcat aaggaagaac atcttggaat   1140
cgattttctt ctgcattttc agggagtcgt gctgttgagc actccccatc aactagccgt   1200
ttcttaagaa ttctttcata ttctgtgaat accattcctt gttctaatacg ttgttccaga   1260
attttacacc ttcatcatt cgttgctctg gtagccactt cttttccttc atcaggcaga   1320
ggcactcgag atagggagag tccatttagg gcagccagtt taagaggacc aatttttttt   1380
gcatctactc gagtcttttt cattccccct agaggcgagg gcccttcac gatgttcttc   1440
ttcccagaga gaaggtccga caccggcctt ttcttcagag agtccctccg ggctcggtag   1500
cggcctgacg tgggtgaggtc ggactccgac atggagggca tcagcagccc gtctctccag   1560
ggcgctggg cctctgcggt cgtgcggacg gggctgctgt ccatcatcct cttctccgcg   1620
tctgggacgt gggccttggg ctccaggatg tgcaaggggc cggcgagcag gacgcgaggg   1680
cagccagggtg ggtcctgggc caggccgggc cgaggctcgc gcgcacgtgc agggggcgcc   1740
cgggccccgc tctcctctc gaagtcctcg tccctcctcct cctcgctgct gtggattagc   1800
atgggtggcg ccgacaggga cttcttatgg ccgtacctca agccctccgc ctctccggc   1860
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cggcgccac ctctgccgcc gacgcggata ggggtgcgtc cttgagccgc aggccctcca   1980
ggcgtggct gagcccgcc acctcgatgc tgttccgttt gtgcagctgc gcgtggcgcg   2040
cggcggtgag gggctcgctg acctcctgca gcgagtgcgc caggggcagg ctgtcctcct   2100
ggaacgtttg caccgagtgg tgcacgcgcc gcgtgatgag gtcggggttg ctgctgctga   2160
tgtaaagggtg gcgggacagg tctggcgtgc tgttggcggg cctggggggc gggtaggggtg   2220
gggggtggcg gtacacctgc gtccgcatga tgttgggaga cgggtagtcc tgcgcctgca   2280
gctgcgcatt ggtcagctcc ggcacgctga ccgcgccac caggggccgc cgctcggcag   2340
ggtaggggta gggagacggg ctgtggaagc tgtagctcag gctgaacggg cagtgtgcgg   2400
ccgctggcga ggggagctgt gcgtgctcgc ggatctcggg ctggctgtag accagcgccg   2460
cgggctgct gtaggcgtac gagctgccga tgttgaggtt tcgcagcgag tggctctgcc   2520
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ggcggtagga cgggggtatc acggcgctgt gccgatggga cgggaggtag tcaggcctca   2640
tgacgtcact ccggtgatg ctagggttg acgacatcgg cgagggtgc aagtagggct   2700
gaggattatt taaggagttg gtgctgtgtg cactgtagac actggcattt acggatccga   2760
ccgttgaaagt caatctgggc tctattcaag cttgtctgaa attgaccata gtatcccttc   2820
ctggttgggc acaaagaggt tatcttggga agaagcatat ggttctgtat aatgtccatt   2880
atagtgaac tggcggtggg ggaggcatca cgtagggtcg gggtttaggc agagacatcc   2940
ttgaagaaga cctcctcctg attgggttca ctgtgacagt ctgagtttgc aggttacact   3000
ggtttagtct gtaaaacttg tgtcgcgcaa cacagagtct ccaaagtat tttgctgttt   3060
ccatgtcttc agtttgaaat tgaatggtct cctctttatt tgccagctct aatgcaaaaa   3120
aggacttggt gtgggacatg ttggcaatgt catgccacct aaataccaca ggatgccttc   3180
cattcttgtg tttcacaaag ataccttcaa gacacgctcc aatggatatg tcacttcctt   3240

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ggctatcctt agcagggtag ctctcttctc catagccatc cattctctct acctcctgca 3300
tgtacagcat ttcagcatca ggagctgtga gccctctgta tttctgatgt agtaaggcca 3360
ctttttgggt tgcttcttcc aatacttttt catcttgtaa ccatcccaca ggaaacaagg 3420
caaatttctg aagaaagtcc tgggattcat actgatcaaa gtcacccaaa atcgcttgaa 3480
cagctaagcc tgctaggtga attggctgtt ccaagggtaca agggatacct tcttcccaga 3540
tatccttcct cagttgcaga taatactggt acccggtaat cctctgctgg aagcgaggaa 3600
cctgaggcgc ttaaaccctt attccaaaat agacggtagg ttccaaggcg tttttttc 3658

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```

<210> 3099
<211> 1820
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1810)...(1438)
<223> similar to gi4883636 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3099
ttttttttt ttaataaata gtttattcat ccagcagttt cagccctgat actgaagcct 60
gttgcggtgt ttcttatttt tctggctgga gcctgattat gagaacatgg cctcaccacg 120
gggccagcgc tcagattcct gccctgccga tcatccagac atcagaggaa atgagagtat 180
tgctcaaatg agggagactg gagctttatt aaggaaacaa aaaataccag taagactaga 240
gaggggtggt taatgtttct ggaggcagct gtggaatttc ctgtttgctc cccctctcct 300
gcctgccgca gatgaggaca cacggggaag actcgctgga gaggcttctc gcacttaata 360
aggcccccgc tcggggtgct tctgggagcc tgccctccag gggagcaggc ttgaggagct 420
ggcgggaggg ccggtgggcc ggcggcgcgg aacgctgctc ccttgaggcc ggagtgggc 480
agcctgcagc cactgcgcct ctcccgcgc caagagccgc ggccggggta acagaaacgc 540
cggctgcgct gaagtctctg ttaaacagcc ccgcgtcggg gctgtggtca cagtaaagca 600
aggcgatctt cgcacacagc aagtgcgagg ctctgggccc tgacgcaggg ctcccaagct 660
cccggaatcg gcgttctggc tgcaggcctg gtctagagtc gcagcttctg tgagaagcaa 720
cactgaggcg ggcccgcccg ccttggggct gcccgaccct cctctctgct ctgagcccca 780
gtccctactt cgggatcctc ccaggaggct gtgcccggctg ctactcctc ctgacctgag 840
ggaccgtgtg tctgggcctg gtgtttctag acggtccccc ctacagtcac ttgttctaata 900
ttctagcacc ttccctcttc aggatagagg ccagccagc cagagcacag gctttctccc 960
ttcaccctgg agctctcagg taacaacccc ctgaaggcac atggaccaag ctgctcccca 1020
tcccgccacc cgaaacacca tcttgcccc acctcccagg tgacagactc cctggcggtg 1080
ccatgcccc gcccaccagc cccacgcttg tcagctgggc ctgacagctg ctgctcttgt 1140
tttctattca tgaaaactca acccttctcc ccgtttctgc cagcacaaca gggcagagtc 1200
tgggctatca ccttggtctc tccccctccc tttaaaggaa gccacattt tctgcgagc 1260
cgaactcctc tgaagagtat ggcagacctt tgggaatcgt tcaggacgag actgaaagtc 1320
aaggcaagtg tgaattcagc accgcaggcc tggtagacct cctgtgcctc tggagtggc 1380
tgtcctggga caggctgacc aggaacaagt ccccgcccg ggcttatcgc tctgagtcag 1440
agaagggaaga gggcttagtc catctccaca ccagcatgtc ctctcctgca acgcggtggg 1500
actccgtctg gatccgggat tcgttgaggg ccaggaactc cacagctcgg tcccagacac 1560
gcttcatgcg cctccggctc tgtggaggga tcaagctgtc gcgcacgtgc aggatgccta 1620
catatggata gcgctccatg tctgtctccc agtccacgta atggctcctg accacgtcta 1680
taatcttctt caccatctca tacatggctt gttcctcctc ttctaacttt cgccaccgat 1740
attttaggag aattaggagc ccccaaaaa aagccaagca ccagaagaag atgagctcgt 1800

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<210> 3100
 <211> 635
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (110)...(596)
 <223> similar to gi2980817 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3100
 tcagaaatta catctatatt aaagtttcaa aagctaataa tatattttta catcttcagg 60
 tcaagttata gtaatttatt aaagaaaata aaattaattt cctttgctga tcaggagagc 120
 tgatctgcag ttgtgcgctt tgtccagcaa gtacatgaga aagatgtatt gatggaccaa 180
 atcattaaaa acaaaatcca caaggagaag gaaagaagga gaagaagaaa gaaaagacga 240
 agaaggagag gaggaagaag aagacgaagg aagaagaaga aaaggagaag aagaacgaag 300
 gagaaggaag gaggaggaga aggagaagaa gacgaaggaa ggagaaggaa gaagaaagta 360
 agaagaagga gaagacggtg acgaaggaag aagaaggaga aggaagaagg agaagaacta 420
 agaagaagaa aggaggagga gaagaaagaa ctaaggagaa gaagaagaag gaggaagaag 480
 aaaaggaaag aggaagaaga aagaagaagg aggaagaact aagaagaaga aggagaagga 540
 agaaggaaag aagaaaaaga acgaaggagg aggagaggaa ggagaaggga gaagaaaaag 600
 aaggagaaga agaataagga acaagaaaaa aaaaa 635

<210> 3101
 <211> 745
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(473)
 <223> similar to gi487785 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3101
 tgggacaatg tggaaaagcc ttcatttctt ccagtaaatt tcgaatgcat gagagaactc 60
 acacgggaga gaaaccctat cgatgtaaac aatgtgggaa agccttcaga ttttcaagtt 120
 ctgttcgaat tcatgaaagg tctcacactg gagagaaacc ttatgaatgc aaacaatgtg 180
 gaaaagcctt catttcttcc agtcactttc gactgcatga aaggactcat atgggagaga 240
 aagtctaaga atataagcaa cattctgaag ccttcggttg ttccagctcc ttctgaatac 300

```

acaaaagagt tcatactgga cagaagctgt gtgaatacaa acattgttct aaagccctta 360
attgttccag tttcttttga gcacgaaaga attcccactg gtgagaaaca gtatgaatgt 420
aaacattgtg attaagcctt cagttgacct aattcatttc aaagacagga ctctgtgctgc 480
agtgaaatct ggtttggttt ttgctttttg gtttttttaa aaaggccaag cttgttggct 540
catgcctata gtcccagcac tttgggaggc caaggtgcaa ggcgggcaga tcatttgagg 600
tcagaaattc gagaccagcg tgggtcaacat ggtgtaaccc catctctact aaaaattacc 660
aaaaaatgaa ccaggcatgg tagtgcacgc ctctaataccc agctactcag gaggctaagg 720
caggagaatc acttgaacct ggagg 745

```

```

<210> 3102
<211> 727
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (79)...(601)
<223> similar to gi5732634 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3102
cagccctggt ggatgctggg aatgggaggt gacattctcc agggacaggt cctggaaggg 60
gtggggaaga ggtagggttc agccccgcag aaccctggaa tccctcctgt gcctgaggcc 120
ctgcccccca gcatggacta atgggtgtcc tacctctccc tcagggcagc cctgtggctg 180
ggaccctggg aacagcctcc catcccaccc aacatgccc agtgtggggg aatgttctac 240
agcagtgtag cctccagccc ttctctccag gaggctttga gagcccaact tactcccctg 300
cagagcagga aggtggtagg tcaagtgtgg ccaccattgg ggagacgaga aagaagtggg 360
gccccaccag attgcacaat gggaacctca gctggcccct gaacagagga ctgagttgtc 420
tccaccctac accgctattc cctggagctc agccaggcgc agccttggaa ggagaaaggg 480
ctgggggttac ctggcttgct ctctccagg aaagccccct tctcctctg cccagctcc 540
cagcctggcc tctccaggc aggcctact cctctgcccc agctccggct ttccccatga 600
ggtttgtccc aggcataag aaagcatcca gagtgcacat gagtgggcct aggccagagg 660
cccctcagtc cccaagggtg ctgttttggt ggcctttcag agggtaagg aagccctgct 720
tggggta 727

```

```

<210> 3103
<211> 530
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (13)...(323)
<223> similar to gil049301 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3103
tttttttttt ttgagtgtgg ttaatccttt accaatagct tttctgttac aattcacagg      60
agaatacata atggagagaa atcctatgag tgcagtgatt gtggaaaatc ctttaatgtt      120
ctctcatccg ttaagaaaca catgagaact cactctggaa aaaaacccta tgaatgtaat      180
tattgcggga aatccttcac aagtaactcc tacctttctg tgcatacgag aatgcataat      240
aggcaaatgt gaattcaata actgtgggaa aagcattcat tgatctttca tgcctcagat      300
aacatgagca aactctaaca agatgtatga atcacctgct actgtgtaac aaattacccc      360
ccaaaatttt gtggcttcaa acaaaaacac ttgttatctc aaaatttttg taggtcagga      420
attcagaaac aacatagctc tatagtctt caggatatct caagagggta cagtccagat      480
gtcagcagaa ctgtaatcat ccagaattgt tactggtgaa gggaccactt      530

```

```

<210> 3104
<211> 524
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (85)...(238)
<223> similar to gi2463531 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3104
ccctgtattg tcacctgact ccaaaaaaat tattttgtgg cctatgggtc ttttgggggtt      60
tgtctgctag cataggactg ctctctgttc cctctgagtt tgttgacctt tgctcaggga      120
cacttcagga gctagtttct aattgttttc tttcagtggg aggagtgaag gtggcaggaa      180
ttcccgggtc acccctgcag ctgccaaacta ccgcagcaga actgcaaagg taagggtgggc      240
tccagcccat gatgctcagt ggggggactca gacatgggtg ggcttgtgtg gctcctgaag      300
ttgtagaagt tgttgggacc aggctgggtg tggttcaaag attgttcctt tggcttttga      360
gaaggagggt tctaagggaag cgggacattt tcggggatcc aggggaggag taatgctttt      420
tcacttttta tgtaaagctt cgtttgtgtt gtgttgttca ccaggcaaag ccttccaagc      480
aacagggagc tgggggatgca naaaaggaag aggaggagta atgg                    524

```

```

<210> 3105
<211> 419
<212> DNA
<213> Homo sapiens

```


<220>
 <221> misc_feature
 <222> (6)...(419)
 <223> similar to gi285987 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3105
 aataaagaaa gaaacagaag ctggccgagg agtgagttga gctttccaag ttagctgacc 60
 ttaaagatgc tgaagctgtc cagaaattct tcctggaaga gatatagctt tggatgaagag 120
 atcctagcta aaggtgtaga ccacctgaca aatccaagtg ctgtgtgtgg acagccacag 180
 tggttactgc aagtgttaca acaaactctt ccactaccag tgatccagat gcttctgaca 240
 aagcccctac cagttaatca gagacttgta agtgctggcg cttggccaaa gacgatgtgg 300
 aatgagaaac aaatgtcaac ataataaaat ctcagttaaa atacttgaaa aattcttaac 360
 ttggtagttg agcagaaggg caaatatgct tggtatgaac tattctacat tgaaatcta 419

<210> 3106
 <211> 996
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(997)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (23)...(435)
 <223> similar to gil086586 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3106
 gcgtgtcaac tctgaaaagg ccaagcttca ttaccttcgt tcttttgaca agggggccatt 60
 tgctaccttt aagacgccgc atgatcgaac ttgagagtgg acaggactta acttcagcac 120
 tgatgggacg ctcactccta ttacaccaa cggcagcttc attcgctga ttgatgcatt 180
 caaaggagtg gcgatgcaca catttggggg ctatgccaac agcaaagctg acacacatgg 240
 aggcttcatt tactccagac tctcagttta ttatgatagg atcagacgat ggcaagatcc 300
 atgtctggaa tggagagagc ggtataaaag tagctgtggt ggatggtaaa cacacaggcc 360
 cgattacctg tttgcaattc aaccccaagt tcatgacttt tgccagtgcg tgttccaaca 420
 tggccttttg gttgcccacc attgatgact gaccctgttg ctgcttggct atttctgtat 480
 agtgagggcg gccagcagga agaaactcag agggaactga gataatagtg ggattggatc 540
 atttgactgg gctggagaac atccttttac atggccttcc catggatgtg ctgtacatct 600
 gctcaaaaga aaataattac tttgatgagc gtcttcaaaa ggactcttgg tgcaacagac 660
 tcaattggaa ctcagctttt ctaactgtca ctgcaccaag ctctgctgga ggagtgaaca 720
 gactcacgat ttggtatagt ggggctctca agcatcttca atttgaatgt acatgctgct 780
 gaggagccgg tgaagtcatc agttccgcac atcccttcta ccctccaact gcatgggaag 840
 ccaaagtcct ggttttgaaa tgcttgggca gctcagccgc ttgccctcac cctgcatgtc 900

ttgttactgg	gtctccctgt	gtacttgtgg	cattatccac	aaccatcatg	tttcttaggt	960
gccaaacatt	tacagaaaca	ttntcatata	tcttgg			996

<210> 3107
 <211> 2228
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (215)...(617)
 <223> similar to gi3877422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3107						
tcagctgcta	gtaacagaca	tcccaggcaa	caaagaccat	cacagactaa	gccagcacat	60
catgaccagc	agtgcctggc	cgaaaggggc	ccgaagccct	atgggtttcc	ggtctctgat	120
gcagtgatag	acatccaggg	cacccaccct	ctgcgccttg	gaaagcctgc	agcaccgctc	180
ctaagagcaa	gtggtctggc	tgcagccacg	cccctgctgc	agagcgagcc	cagcctcacc	240
agcgacgagc	tgcacctgcc	cggaagccct	ggcctgggca	cgccctgcgc	cagcctcaca	300
ctgggcccgc	ccacaccgcc	cgccctccatg	cccaacctcg	ccgaggccac	gctcgcggac	360
gtgatgcccc	ggaaagatga	gcacatgggc	caccagttcc	tgacgcccga	tgaggcgccc	420
tgccccccca	ggctactggc	ggcgggcagc	cccctggcgc	acagccgcac	catgcacgtg	480
ctgggcctgg	ccagccagga	ctccctgcat	gaggactctg	tgcgcggcct	ggtgaagctc	540
agctccgtgt	gaccacatg	gccccaggcc	gggggacacc	agaggctcct	ccatgggcag	600
caggagttag	cggagggtg	tgtccacacg	cgactttccc	agccaatgcc	acggtggaga	660
tgacagcccc	aggtctgggg	tacagagacc	acttaggatg	gcacaggggtg	gctggccccg	720
gatgctgaga	gcttggtttc	atgtgaattt	tcttccccaa	cctgagtgct	ttgacaacaa	780
tggaaataga	gaagtggctg	ctttcttttg	gtgacctcc	aggggtggaa	tcggagtgtg	840
tctgcccgcc	cttgtgacag	acacacggaa	ggcttctgac	gcttgtggcc	agactgcaat	900
tgcacttatg	tgttatgcta	ctaataattg	aaacagacct	gccattccat	ttgttaatta	960
aaaaaaaaaa	aatcctaaa	gggaaaaaac	cgaccagggtg	tggatctgca	tgccacgctg	1020
ccgtctgtgt	tacagtgggtg	ttgcctaatt	tcccaggaa	gtgcctgctt	tctttttctt	1080
tttttaattt	tgtgaatttt	caagtgtctgt	tttgttgga	gacagtgcaa	cgatactgag	1140
acttaatgga	cagtgtcatc	actcagctta	ctgggctgag	gcgtctgtgg	agagggtggca	1200
ccggggctgc	agagggcggc	tgggggttccg	tctgtgtcggg	tgtcacttca	ccttctgttt	1260
ggccgctcga	tgagggtctcg	tgttgagata	ttgtgtgcca	caacccccac	agtcttcacc	1320
tccgtgtgtg	atgaaacttc	ccgtggacag	ccaataaaaat	gacgtcctct	gttatttttg	1380
atctgcgtac	ggttatcctt	aatagcataa	atgaaaacaa	agtcacccag	atggggagag	1440
tttttcttga	aatgtcccta	gcgaggaatg	gtccccagac	aaccaaaagt	caaactcttg	1500
aactgggaga	tatttataga	ataatttctt	agataagagg	caagttttcc	atcattttatt	1560
ttctttaatt	atctcttttt	gacaccatct	tagtggaatt	tgctctacgt	ttgcagtttg	1620
ccgtgcaaca	gttgatcgga	agtagggaaa	agggaggggga	cgctcaggga	gaaggttctg	1680
tagggcgtct	tctgggcttc	cttctgtgta	aacgtgtcac	tcaatcccag	aagtgcaact	1740
tgaggctcta	gtaaaggtat	cagaaaatga	ggaggagaaa	tcggcttaga	gtctaagctg	1800
agatcatgta	ggtcatcatc	cttcttagac	actgatcaga	atgaaattaa	gaaaatgacc	1860
actttgttca	ctttcatttg	tcacctagaa	gggaacgaac	tggctctgga	cttagggagt	1920
gtgtcactat	gggggcagcc	acaggggaca	cagcaactcc	tctcctggct	tctttccaga	1980
ccataaatct	aacagctaaa	gctactcaag	ttcaaagcca	tggccttgct	ccttataacc	2040
atatgaaaga	caagacacat	tgaccaatga	tacaagtaac	ccaagtgatt	tgcatattatg	2100

00497528460

gaaaaaggct	attactcctg	agaaagagtt	gccattttat	attaaagaaa	agaagatagg	2160
aaaaagaaaa	gcacacaagt	tttattttgga	atgaaggcaa	ttcacaggtc	acaaaataat	2220
tcatgctg						2228

<210> 3108
 <211> 2631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2632)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2632)...(2)
 <223> similar to gi338675 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3108						
gcggccgcgcg	ccacgtacat	gaagtgcagc	tgcgccggcg	ggggcgggctc	cacgggtctca	60
ctctgcacgg	cctcgatctt	gtaggggatg	ttgaggctgc	ccagcgaggc	gagcgctccc	120
aggaatgcgg	ccacgtcggt	ggcactctgg	aagcactgcg	aggaggcctg	cacacactgc	180
cggttgtcaa	tctccaggta	gacgatggag	ccgcggacgt	ccatggggtc	cagctccctc	240
cgccgcgcgc	caccctcgct	gccaccaggg	agcagcgagg	ccttcacctg	gccagcagg	300
gcgtcagggtg	cggcccagcc	ctcggcggca	cgcttgatgg	ggtgcttgcg	cagctcctcc	360
tcgcggccgt	agtaagggga	agatcatctg	ctggccgctg	agcgtcacgc	tttgaagacc	420
acgttggtgt	tgcagcacgc	gggcttgaac	tcccgcagga	aagtggaaag	gagctgttgc	480
gcagctgctc	cggcggcatc	agcaccacca	ctcaccgctg	gccggccgcn	cagcctctcg	540
ggtacatgct	ccgcacagtc	cagcccgtcc	cactcgcaact	ccgcgctggt	gcagccctgg	600
tcgcagtgcc	cgtcgctgaa	gtggctcctt	cagtactggt	cgtacagggg	gttgcaactg	660
ccttcgcgac	gctggcagtc	aaagccgtcg	aagaggcagc	cggctgagtt	gcactggctg	720
tcacagtggc	cgtcactgaa	gtacttccag	cactgcagag	actgcgtgca	gttcttccag	780
gggtcattga	agttgagggg	gcagtcaccg	ccgtcccagc	cgcacgcgtg	gttggtgcac	840
tgccaggtgc	agaccttggt	gcccgcgtcc	tcctggcaact	cgggcagctc	gcacgcctcc	900
tcgatcagcg	gcggggggat	gtcgcgcccc	gccccacccc	cgaagctgta	gtccaggatg	960
tggcacaaga	gcccgttgaa	tttggcgggg	cacaggcaac	ggtagaaggg	gctctcggat	1020
gtgggctcac	aggccccctg	gttgtagcag	gggttgccgc	ccaggcaggg	gctgctggcc	1080
gggaactggc	attcgggggc	cgtgaagggg	cccaggcaca	ggcagggtgg	gctgcgcggg	1140
ccggagatgc	atgtgcccgc	gttgaggcag	cgcaggctgc	cgcaggtagc	agcgtcattc	1200
tcacacgtgg	gcacctcgaa	gcccgcaggg	cacttgca	tgaaaccgcg	gggcggtggt	1260
ggaggccacg	gcgcagggtg	ccccattctt	gcagggcttg	cctttgcagc	cattgatgac	1320
ggactcgcag	cggcgccccg	tgtgaccagc	acggcactcg	cagtgggaagt	cattgacgcg	1380
ctgcacgcag	ttctgggtgc	cacgggcgtc	gcagggattg	gacaggcact	cgttgacatc	1440
cccttcacag	cgctcaccca	cgaagcccgg	cgggcagggtg	cagctgtagc	cgccacactg	1500
gtccacgcag	gtgccgttgt	taaagcactt	ggggctccgg	gacacggggg	caacgggggg	1560
attgcagtgc	tcacagttga	tctcacagtg	cacaccctga	gtgccccgtg	ggcaggagca	1620
cttgtagggtg	ttggggagggt	cgaggcagggt	gcccccggtc	tgccaggggtg	gggagaggca	1680
ctcgtcgatc	tcctcagagc	agttcacccc	gtggtagccg	gccacgcact	tgccaggagta	1740

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gccgcccagg tagtccgtgc aggtggcccc gttctggcag gggctgggtg agcactcgtc 1800
caccagggtcc tcacagtagc tgcctgtgta gcccgcctgg cagcggcagt ggtgcgtggt 1860
gcccgcgtcc acacagagcc ctccatgctg gcacaggcgg gcaacgtcaa caccttgtcg 1920
ctgcgcagcc acctcacagg acacgctggg cacgtcgcag taaaggccgg tccagccgct 1980
ggggcactcg cagcggtaact ggggtgtgggt ctgccagcat ttgccgccgt tcttgcaggg 2040
cgaggagtca caccagtgc caaggttctg gcagttgggg ccagtgtagc cctgggggca 2100
ggtgcacctg tggagaccgc gaccgtcctg acaggtgccg cctagcaggc agggtcgtga 2160
gtcgcactca ttgactacgt gctggcagta gctgcccggt aagccgggtg gacacaggca 2220
ggtgaacgag ttgatgccgt ccacgcaggt gccaccgttg aagcaggagc tctctgtgca 2280
gtcaggcgtg ttgttctcac agtggatccc gctgaagcct gcggggcagg tgcacgtgta 2340
gctgtccacg cagtccgtgc agttggcccc gttgcggcag gggtcactgg cacactcgtt 2400
gatgtcctcc tcacagaag tgccccggaa gccgggcagg cagtcgcaga aggccgtgtt 2460
gatgccgtct gtgcagagc ccccgctgtg acacgggttg ggccggcagt cgtcgatgtc 2520
ggtctcgcag ttgcgcccac tgtagccggc ctggcagtgg cagcggtagc cgccgtgggt 2580
gttctggcag gatgcgccgt gccggcacgg gctcagaacg cactcgttga t 2631

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<210> 3109
<211> 1238
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1210)
<223> similar to gi4106980 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3109
ctgagtctgg gccagaaagc ccaagcactt gcagggaccc tccccaaacc cagcctctgg 60
gctgagccag gctctgtgat tacctgggag agcccatga ccctctggtg ccaggggacc 120
ctggataccc agggttacta tctcaccaag gaaggaaacc ccatgacctg gtaccaacag 180
agcccaccag agcccaggaa caagaccaac ttcttcatcc catccatgag agagcaccat 240
gcagggagat accactgtca ctatctcagc cctgcaggct ggtcagagcg cagcgagccc 300
ctggagctgg tgggtgacagg cgtgtctagg aagccctccc tctgaccct gcagggccct 360
gtcgtggccc ctggggagaa tctgaccctc cagtgtggct ctgatgtcgg ctatgacaaa 420
ttactctgt acaaggaggg gggacatgac ctctgccagg gctctggccg gcagccccag 480
gctgggctct cccaggccaa ctccaccctg ggccctgtga gggctctcca cgggggccag 540
tacagatgct acggtgcaca caacctctcc tccgagtggg cggccccag tgacccctg 600
agcatcctga tcgcaggaca gatccgtggc agaccctccc tctcgggtga gccgggcccc 660
acggtggcct caggagagaa cgtgaccctg ctgtgtcagt cacgggagca gttggacact 720
ttccttctga ccaaggaggg ggcagcccat caccactgc gtctgagatc agagcaccaa 780
gctcagcagc accaggctga attccccatg agtccctgtg cctcagccca cgcggggacc 840
tacagggtgt acagctcacg cagattcttc ccctacctgc tgtctaccc cagggacccc 900
ctggagctcg tgggtctcagg agcagctgag accctcagcc catcgcaaaa caagacagac 960
tccaagactg gtgtgtaagg agatgctctc gggttatggg ctggcacaga gggtcaggtc 1020
ctgtgaaggg gaggtgggtg ccctgggtgg acatccaggg gtcccgggtg atgttgatct 1080
gcctgacct ctgagacctc ttgggtccacc atccccagcc tcacaccccc aggattacac 1140
agtggagaat ctcatccgcg tggctgtggc tggcttggtc ctgggtggtcc tcgggattct 1200
gctgctttag gattggcaca gctagagaag tccccaca 1238

```

<210> 3110
 <211> 1777
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1778)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1433)...(717)
 <223> similar to gi3135493 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3110
 tttttttttt ttaacatatt accacatcca acttctttat tcttgagaaa acaaaaaagt 60
 ccaaaatcaa aggaaagcac ccgtttttaa ccctcatatc tttctcaggg ctactgcag 120
 tctggccata tctcaagcag gtctgtccaa tggcttgga catagacttt tgcagtga 180
 ctttaaaaac attacttgaa ttaggattac acaaaaaaaa ctaaattcta agtgagcaca 240
 actatcgctg agaccctgaa atttcaggaa ataaacatgg ttcaaaactc aaactgttca 300
 tcaaaataat tacgcaggtc agccaccact gcagaacat cactgctcag aggaattgag 360
 tcagcaatga ctgatctcat catctcttca ttagcacata agcgggttcaa cttgggatac 420
 gcaaggagtc tctgcagagg tacgaaaaat ttatctccaa cacagaaggg tgtgggagag 480
 ttctctatct tggccttctc aacctctgtg aagactggtc caaagcatgg gacaggggcc 540
 tttgagccac caatgtcttt gggcttatca ccccggtccc cagcctgttc tttccgcctt 600
 ggcagggtgg tcaactctta gctttccact tgttgggaca cctcattaac caacacaagt 660
 ttaaagaacc tttcctgctg taagcttggg tatgaggtgg taaaaacagc tttataaaca 720
 tgctgatcat gctgctctga aagacatgat tctgttgctt ttctccatt tttccggaag 780
 attcctatct ggggtacagta tccaacattc tcagctccag ctggtggttc cccgacacca 840
 gtaaaactcca cagagtaatc atagcgattt gccacatata aagcccaggt ctgaaactcc 900
 attctggtcc actcaaattt atgatctgaa tctcttaagg tcaactgatg aaacagggga 960
 ttgaattcag agtttggtgt gctgatgaca atcatggatg gagacaggta cccaaatacc 1020
 acttcaggac aatctggcca gatcacctga actccaaatg ttctattaat tcaatacacg 1080
 ttatcaagtc aaatccaagc aaacgagagt ctctctccgc aacggagcca tgatacaatg 1140
 tgatgggtcaa attcagatcc cgaggtttca gaaaatcccc caggaaagga gctaacgaat 1200
 cccctctcca tcgtaattta tctcattaa tatctactcc aacaagcaat tcaatgcatg 1260
 gattgacttt tagcagcctt aagagtgaag tatcaccaca tcccaggtct gcaaccttct 1320
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 tcaaggctct cttccgaacc ttggcgagga cccctcgtc caagctggcg tntgtggttt 1740
 cagatcttca gttatcaggc nggggggtctc taaaccc 1777

<210> 3111
 <211> 1802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1803)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (12)...(676)
 <223> similar to gi296669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3111
 cccgccggct cccaacagct cccaccagct tgtcaggaca acaccgctct ctgccgctgg 60
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 acacagacct agaggcaggc ctggaagaag aggcggtggg gggcctgggg cctgggagcct 180
 gggcctgcct ccccgggcag ggtcttcgct atctggaaca cctgtgcctg gtgctggagc 240
 agatggcaag gctccagcag ctctacctgc agctgcggat ccagaggccc ccaggggatc 300
 ccggcgagga ggagtcgacc cgagcccctt taccgtcccc gttacacacc ccaggcaatc 360
 gggggcaggg gccatgggag ctgctaagcc agacagagca cacaggagca aaggctgctt 420
 ccccccaaaa ggtggagggtg cccagtgcc accctcccag gctgccagaa accccagtgg 480
 agccaacgta ccacttgcca tcctcccagg gacacaagcg ggatatctcc cactgggaca 540
 aggtcaaggt cctgctcaac cggatctgcc ggagaagcca ccaccacct gagccccctg 600
 cccctcctga tggtcttgac cccaggatcg agtccaggga cctccctgaa aggcctcagt 660
 gccgccccca ccggaagacc tttatgccat cattagtggg taagaagcaa cgagcaaaaa 720
 acctttctgt aggtgagac ctctcggtgc acctggtgac cctgggtgga ggggacttgc 780
 tgtgaagtct tcctcgccct ctgccctctt gctgcttctc cacattgccg ggaagagctg 840
 ctgacgcctg cctcctctctc ttgagtcgag ggctgaatct ttctcctcta agcagtctgg 900
 tcaggaacct tggtttcttg agaggcccc aagatgccgc agctccaggg ctcttcctcc 960
 tcaccagaaa tccttgggct tcacaaatgt gaactcactc attgtcagggt gtccgtggag 1020
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 tggatgcat atctctgtgt gactgtcagt gttgcaagct ggctggatcc aaccatctct 1140
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 ctgaccttta tccccagtg ggcagttact gagctttcct cctcagagcc atgctggcag 1260
 ccctgggaca gagaacggtg tggctttggc tgccctctgca tggaaatctt ccccgagctc 1320
 ctgaagactg cacaaggaat gaggaagatc agggacaacc tgggaactga ataactttca 1380
 aagccagtgc tcagcttctc tgctccgtac tagcgtttac aggtcttaat tcaaaccaga 1440
 tgctgtact agtttttaga cccaagtca acctttctga gccacagctt cccgctggga 1500
 ataatgatgc ctgccctatc tacctcacag acttggtatg aggataaagt gagattaaac 1560
 tgccctcaag tgcaaaaaaa aaaaaggggg ggcgccttta aaaagaacaa attttaaac 1620
 ccgggttttg aaaattaaat ttttttttaa gggggcccca aaatttaata cagggggggg 1680
 gtttttaaaa acgggggagg ggaaaaacct ggggtttccc aaatttatag cgctggggag 1740
 aaaanccttt gctggttggg gggttttgag ggcccccccc cctttaacac cccacccggt 1800
 aa 1802

09438725.012100

<210> 3112
 <211> 1990
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (153)...(515)
 <223> similar to gi3108185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3112
 ggaattcaca atttagccta taacaagtgg gaacaaaact ccacctcttg atcttgagga 60
 gctgcagtca gattgaaaag gagtatggac agtgggggaa ataacggaga ccattattgc 120
 aaaaaaaacc aactgactg atcctccaca cctggactag tttgggccga ctgatcctcc 180
 acatctggac tggtttgggc aaaggcaaca cccttaggca cctcctctca ccagctgtac 240
 cttctccctc cttcccctgc aagccttttc ctggagttaa ttggtgatcc caagcctcca 300
 gcctggaagg gctacctcct cgccgtgctg atgttcctct cggcctgcct gcaaacgctg 360
 tttgagcagc agaacatgta caggctcaag gtgctgtaga tgaggctgcg gtcggccatc 420
 actggcctgg tgtacagaaa ggcatccaca gcatatctga agaaatattc agaagttaac 480
 taatctcaga tgatttcagc aggagtaaag aagagaaaca gactcagaaa tgccattaca 540
 acagttaatt atgtcaaatt tatcaccctg attgatcacg cagcattaac ctcaagaacg 600
 ccaagccaag tttttttgac aaatgtgagc caaggtttcc gaaaaactag cagatatgac 660
 tgtgacttac aaaatggaaa aagtaaacga gaaacacaat ttgatatgat ttaataaaaag 720
 atttgtttcc accacttctc ctgggaacct cagcacattt tctttccact gacagttatt 780
 atctctacct ttattgaaca aagacaccog gaacacagct gctgaggatc agtaaagaaa 840
 atcattcttt tattaataag actgttatta gcaggaaaaa aaaatccatg tttgggagtt 900
 tgcactgaag ttacaggcca ttttgaagaa atatggctga ctagtgccaa cattatttca 960
 ggcaatttca tgatcaaatt tcttattagg ttgtttaaaa tttttataga gattgtaaat 1020
 cagaactatt ttctatttgc cctaaatatt tagatgctac agggaaagca gatcaaatta 1080
 aagggtactg tgcacatttt tttactgggg aactcccggg gatattaaat catttcgcct 1140
 gcagcatggg aattcttcag tacacatgct tgtggaaaca ttccacgctc cgccagcacg 1200
 gctcattaaa gtgatgattt ggggttgcaa caacagtggc caagtacttc ctgtgttcaa 1260
 ctggggacca tgtggcaaga ccccaaagct tccccagag atcctatggg gaataagggtt 1320
 tttggagccc accatattcc attatttcag ccctaaaatt aacacccatg gggaccagga 1380
 atccagaaga ccagaggagc cagaccaaatt gtgtgtaaga catgctggaa gggaaacctt 1440
 cttttttaga aaccagggtc aatatcctat taaactttaa gattgtgtat ctcttgcccc 1500
 tggcagtttc ctgtatttga gttttaaccc tactgatata ccccatgcat gtgaataaag 1560
 tatcttcctg catgtaacag gatatttaatt gtaaccttga ttatagttgc aaatgctggg 1620
 aaacgatcca aatgtctttc aatatggcac tgattaaata aattatggca cagtctcaca 1680
 atgaaaaacg aaatgtagcc attaaacaga atgaaatggg tctagctaaa ttgaaatagg 1740
 actacctcta agatatgttg ttaaaaagaa aaaaaagaaa gtgcagagga acaagtatga 1800
 taccattttg tattttttta catatgcaag cgtgattgtg cccacacgag aatacctttg 1860
 aaaataaact cagtatttgc ctcagtggat aaaaacaaga accagcctta ttttcactgt 1920
 tatatctttt ggtgccactt tttgaacttt ttaccatatg tgcatatgta actttctaaa 1980
 taaattttgt

<210> 3113
 <211> 1481

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1293)
<223> similar to gil857145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3113

atggatgtta	acagcagcgg	ccacccggac	ctctacgggc	gcctctgctc	tttcctcctg	60
ccggagggtg	ggggcaggct	gcccgaacct	agccccgacg	gtggcgccga	accggtcgcg	120
gtctccggga	cgcgcgcatc	gctgagcggg	ggcccccgag	gtgacggcca	gcccggcgcc	180
cacctgggac	gcaaccccg	gcaatgcctc	cggccgcggg	gagcaaatca	agaaagggcc	240
gagaaagttg	tgatcggtc	tgtcctgacg	ctcatctctc	tgcgatcgcg	ggcaactgcc	300
tggtggtatc	tccgtgtgct	tctcaagaa	gctccgccag	ccctccaact	acctgatcgt	360
gtccatggcg	ctggccaacc	tctcgggtgg	catggcggtc	atgcccttca	tcagtgtcac	420
cgacctcatc	gggggcaagt	ggatctttgg	acactttttc	tgtaacgtct	tctccatgaa	480
tgtcatgtgc	tgcacggcct	ggatcttgac	cttgtacgtg	atcagcatcg	acaggtacct	540
tgggatcatg	aagcctctca	cgtaccctat	gaggcagaag	gggaaatgca	tgacgaagat	600
gattctttct	gtctgccttc	tttcgcgcct	tgtcacttta	cctaccattt	ttggtcgggc	660
tcagaatgta	aacgatgata	aggtgtgctt	ggtcagtcaa	gactttgggt	acacgattta	720
ctccaccgca	ttggcatcct	aatccccatg	tgcgtcatgc	ttttcatgta	ctaacagatt	780
tacaaggccg	ccaggaaaag	cgcggccctaa	cacagggttac	ctggcttccc	tcgagtggag	840
ccagacagca	gtagtcaccc	tgaatggcac	agtgaagtgc	caggaggtgg	aagagtgtgc	900
aaaactttcg	agactcctca	agcatgaaag	gaaaaaatat	ctccatcttt	aagcggaaac	960
agaaagcagc	gactaccttg	gggatcatcg	tctgggcctc	caccatgtgc	tggccgccct	1020
ttttcctcct	gacagccaga	cccttctgtc	tatggcactg	cctgcagctg	catcccactg	1080
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tatgccttct	tcaactggga	cctgaggacc	acctattgca	gccggctcca	gtgccagtac	1200
cagaatatca	accagacact	ctcagctgca	ggcatgcatg	aagccctgaa	gcttgctgag	1260
aggccagaga	gacctgagtt	tgtcctacaa	aactctgact	actgtagaaa	aaaaagtcac	1320
gattcatgac	tgaaagaggg	ataatggaga	tgaaataaac	aaggcaaaat	agaggtggaa	1380
acagaagaaa	gtcatttgcc	aagactgcag	aatggaatgc	agcttctgtc	ctttcttaag	1440
atggctaaaa	cgtgacaaac	agcatgacct	gatgtacaac	a		1481

<210> 3114
<211> 1328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(633)
<223> similar to gi5730196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400>	3114					
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tgtatgcata	taaagaatac	gaaaaaactc	tgagctggaa	atcaaacctc	acaatacata	120
aatgaacaca	caggagagaa	ctgttaacat	agtgagcact	ggaattttct	ctacaatttc	180
agcctccacc	aaatatcaaa	gaatagaaga	taaattgttg	aaatctattt	tatatgggca	240
ttctttcagc	cagagcccag	tcttctatgg	atatacagaa	ctcacacagc	aaagaaaccc	300
tataaacata	atgaatatgg	aaaatactct	tgcgaactca	ctcctcagaa	aactcacgct	360
gcagaaaagc	tctgagaaaag	taataaaaaat	gtgaaaactt	tgtgccaaaca	atcaaaactc	420
attcaccatc	agagaaaatca	cacaatgaca	aaagctagaa	tataataagt	gtgtgataaa	480
ctttaatgaa	aaagtcagtc	cagcaggaaa	ttccattcaa	gatagagacc	tcatagtata	540
ttaaaacaaa	caagaaaatga	agttaatgga	tgtgggaaat	tcttctgccca	tgtcaaccct	600
cattttaacc	tacacagagg	taatccctat	atgtcgtata	ataactattg	aaatgttcac	660
tagtaatcat	tttcacttct	ccctcatgcc	acacctgggc	cttaaatttc	ttcaaccact	720
tctcttcatt	cttaaacggg	gtcatattgt	tacctcttag	ctagtggaat	atggggtcag	780
tgacaggtct	taaatacatc	agtcaaattc	tcaatathtt	cttctatccc	tcattagaat	840
ggaatggagg	aaaaccttgg	gactcaggct	ctgatgatgg	aaagtacaag	atggtaggaa	900
cccgggtcag	agaaggatac	tgtggcatgg	agttttctcc	tccttgtaca	cagttggact	960
tcttgagcgt	aggaataaaa	tgtgtcccat	gctgaacctc	taaaggtttg	ggtatacttg	1020
atactgcagc	aaaactcaaca	acctctccct	aataaaactt	aggagtatga	tttttcagga	1080
catctgaact	cagtgatatgt	cagaaaagtc	acataggaca	aatctcggac	agcattcctga	1140
atgaccatgg	cttttatccc	caaagtcttc	ctcatcagac	aggtaatatc	ataagaaatc	1200
tgacatttta	acaaatatag	gaaattcttc	acacacacag	acacacactc	acacatacac	1260
acccaaagtc	tcattaaata	tatgataatt	taagttttga	tggtgaaaaa	gtttcaacaa	1320
attatcat						1328

```
<210> 3115
<211> 3294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (18)...(942)
<223> similar to gi4096591 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	3115						
agcaggagga	ggaggttgat	gccaaacgca	aggagaagca	ggaggaggag	gttgattatg		60
agagtgagga	agaggaggag	agggagggcg	aggagaacga	cgatgaagac	atgcaggagg		120
aacgaaatcc	ccacagggaa	ggtgctcgaa	agacccaaga	gcaagatgaa	gaggtgggct		180
taggcaactga	ggaggacccg	tcccttcccg	ccctcctgac	gcagccccgg	aaacccaccc		240
acagccagga	gccccagggg	cccgaggcca	tggagcgccg	ggtccaggct	gtgcgtgaga		300
tccacccggt	catagatgac	taccagtacg	acaccgagga	gagcctgtgg	tgccagggtga		360
cagtgaagct	ccctctgatg	aagatcaact	ttgacatgag	ctccctggtg	gtatcttttg		420
cccattggtgc	cgtcactctat	gcgaccaagg	gcatactctg	gtgcctcctg	aatgaaacaa		480
ccaacaataa	gaacagagaag	gagcttgtgc	taaacacaga	aggaatcaac	ctcccagagc		540
tattcaagta	tgcagaggtc	ctggatctgc	gccgcctcta	ctccaacgac	atccacgccca		600
tagccaacac	gtatggcatt	gaggccgcgc	tgcgggtgat	cgagaaggag	atcaaggatg		660
tgtttgccgt	gtatggcatc	gcggtcgacc	ctcgccatct	ctccctgggt	gctgattata		720
tgtgcttcga	gggtgtttac	aagccactga	atcgcttttg	gatccgggtca	aactcttccc		780

cgctacagca	gatgacattt	gaaaccagct	tccagtttct	gaagcaagcc	accatgctgg	840
gatcccacga	tgagctgagg	tctccttctg	cctgccttgt	ggtcgggaag	gtcgtcaggg	900
gcgggacagg	cctgttcgag	ctcaagcagc	ctctgagata	gcagctaccc	cggcaccatc	960
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ccaggagact	ggaatccagg	gcagttccaa	gtgacagtac	agagcacagc	agcgaccttg	1080
ggcctgaaag	cagtgggcct	ctgagctggg	ccagcttcac	ctggaaagtg	acagagttgc	1140
tcatccttgc	ccctccctgt	ctctggattt	ttatcaaggt	ttaccaagtc	ttctgagtcc	1200
ccctgagatg	gctggggctt	cacctgtgct	gcaggaggcc	tctgtggcat	aacccttaag	1260
gagaagtcc	gattcacgat	tactgagaa	gaccaagggg	aagccatgct	ttgctgctgg	1320
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aacagacaag	attcctgggg	gctcccgatg	agcaggaacg	tgagcctgc	tgcccaaggc	1440
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cttcttccct	gagtcaagta	cagcgtagca	tagtctccca	cccacccaac	ctctctgcct	1560
ggccagggtc	ctggccctgc	cactgtgtgg	cgaggtgtcc	ttctagacca	catcagcccc	1620
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agcccagagg	actgtgccgc	cctgttcttg	gccgtccacg	tttctctctc	ctctagcacc	1860
agcaatacat	ttccctggca	tggacagaaa	agacagagag	gacttataca	aaggttttgt	1920
aaaaccagag	gctagcttct	atctttgtct	actgttatct	cagctcaggg	cgggtaatta	1980
acatcattgg	aactagctat	taggaaagaa	aaaaaacttg	gtttttttta	caacaatttt	2040
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cacagtcaag	tcttggggtcc	ctcttcctgt	gctttcttgt	ctgaggcctt	agggggaaga	2160
gctcagcctc	tgcagcctcc	tccacctctg	cccctggcct	gcctctgctg	tgacctcctt	2220
ccagagctag	ctgctggccc	tgtggccagg	agaagcagag	gggagaagcc	tttatgcaga	2280
agctgtgcta	gccttgggtct	gggggtggga	ggctgctgct	gtgaccttag	gggtaggggt	2340
ggggatcaag	ggaggctttg	tcaagggaga	gtgacctagt	tgctccctac	atccatgcaa	2400
taggacccag	cctgcacctc	ctaggcctac	actggggaaa	gcctgacaga	aatcagtacc	2460
tcctaacggg	gtctgccagg	ttcaccaagg	catgggcaca	gaggaatatg	acagttttga	2520
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cgcagaggcg	aaggagcaag	ccctgcatat	tggcagggtc	gtgacctcg	cacttagatc	2760
agacccccga	cctgtgttgg	gatgtgaggg	atgccctcct	gccccaccca	tccacatggt	2820
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gtctgggttt	taaacagaca	tttgggagct	tgacatcct	gatgagcagg	gactcactgt	2940
ggtggcctta	gggaattaca	cgctcacttt	ggtggttctc	tatgctcgga	agcctctgag	3000
agtggccttg	gcagcttaag	atggcagagg	ctttggagtc	ttcttaggac	tgtaagtgcc	3060
cattgaggat	gcatttgagt	tttggaaggt	aggcccaagt	caaactctgat	ggatggattc	3120
aagaacatgg	actaatctgc	gttgtcattt	ttaatcaaaa	tgtaatggag	attgatcatc	3180
tggtgggggt	cacaaacttt	tcatgagagc	tgtgagttct	ttttttgaga	tgcacttttg	3240
cactttgtta	cccaggctga	gtgcagtggc	gcaatctcgg	cttccactgc	aacc	3294

<210> 3116

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (763)...(2)

<223> similar to gi5917666 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

001210"52288460

```
<400> 3116
acagtgaagg tggctgagac caggacggag gcagcacaga tggggagaca tgattggatt    60
ctgcctgttg tgaagctgga gccacaggac tggctggagg ccagatgcag gagtggtaga    120
ggggaggtag gatgtggacg agcattggcg tccctggggag gacacagcgt ccatcctggg    180
gcaggcactg gggaggagtt gaggagttca gtttgggaca tgacactgga gatgcttatt    240
agataccagg tggggagggtc gagcgggcca tggagggtctg agtctgcagt tctgggggcta    300
aagagagatg tctgggaact gtcagcacia aaggagccat gagactggat gagatcatcc    360
gggtctgagg actgagccac aggcaccgtg cagaccagga ggacacagaa gggcatggga    420
ggacgtggaa ggacatggaa aactccaagt ggcccagagg aaactgtggt cagccctgcc    480
ttccagagtt gggggagtggt aagagctgag gcccaaagga ggagtcaggg atgctaagcc    540
gtggaaaggg tagtggaagg actttccttc tggaaaggga tgacagcgtg gacaaaggcc    600
gagaggtggg gaacgaggct ggaggatcac gggccattca cacaggcagt gaaagtcagc    660
ctgaggatgt agcccagagg tgatggagcc cctgaagggt gtgtgtggag ggcaaaggag    720
aggggacaag acagggggac ggctcaagag gctgcggcgg ggcaaggcca gtaccc      776
```

```
<210> 3117
<211> 570
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(571)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (41)...(570)
<223> similar to gi4678718 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 3117
ggcncnnnnn naaaatgatc tcttcggggg gaatatntc actatagcca atcccaccga    60
tgttctaaag attcgaatgc aggctcaagg aagtttggtc caagggagca tgattggcag    120
cttcacatgat atataccaac aggaaggcac caggggtctg tggaggagtg tggttccaac    180
tgctcagcat gctgccatcg ttgtgggagt agagctacca gtctatgatt ttactaagaa    240
gcacttaata ttgtcaggaa tgatggaaga cacaacttta actcactttg tttccagctt    300
tacatatggt ttggctgggg ctcttgcttc taatccaggt gatgtggcag gcactcacgt    360
gatgaaccag agggcaatcg tgggacatgt ggatctctat aagggcactt tggatgggat    420
tttaaaaatg tggaaacatg agggcttttt tgtattctaa aggatttttg ccaaactggc    480
tttggcgtgg acccttgaac atcattcttt anattacata tgagtagctc aagaggcttt    540
anatctaagg actgaattat atgtgagccc                                570
```

<210> 3118
 <211> 1253
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (977)...(677)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3118
 ggaattcctc tgtcccgccca tacacagggg gggacggggc agggcggggca ttgagctttg 60
 tgtcctgggg tcagggtgct tcccctgccg gcctcacccc accaagcgga tctcatgggtg 120
 ctccctctggc tggggccacc cgcagtggta tccttctggg ggcccttatg ggagcctgcc 180
 gggggtgcag atcctgccgg ggggtgcagag cctgctgggg gtgcagatga tttctgggtc 240
 ccaggaccat gagggggctg ctctacacac agccggaaga tgctgcggac ccaaactggc 300
 cctttccctc ccacaccacc ccaggaccaa tgggctggct ggaggccacc catgctaaaa 360
 taggctcaag ggcctacttt agcttctggg caaaggctct ggcctggggc tgactctgtg 420
 gccttcctga gctgcctccc cagtaggcct cagtgtggg ctacaggcct cctccattcc 480
 ctccattcat gtgacccccc ccctcccagc agaaactctc ttccgtagcc caggagcagc 540
 tggtgagggt ttcacctgcc catgccccag cctaaggccg gcttccccag agcagacggg 600
 ttgcaactct ctgcccctca ggcccactct gtcatccaac aagctcactg caactggccc 660
 atcttaaaaa caacaccggc tggtcacgct ggctcacacc tgtaatccca gcgctgtggg 720
 aggcgggggc ggggggatca cttaaagtca ggagtttaag accagcctgg gcaacatggt 780
 gaaacccgag ctccactaaa aacacaaaaa caaattaagg caccctgagt ggtggtgggt 840
 gcctgtgggc ccagcgactc gggaggctga ggcagaattg cttgagccca ggagggtggag 900
 gctgcagtga gccacgatcg catcacgcac tccagcccgg gcaacctggc aagaccctga 960
 ctctaaaaag aaaaaaacia caaaaaaaa aagcccacgt tcaagggcag cactattcaa 1020
 aagagggaag caactcagga atccaaacgc gcaggaggga acacatcggg gttcatccac 1080
 aggggaacac gattcaccca aaaaaaggaa ggaaaccggc ccggccccgg gacttgaatg 1140
 cacctggagg agactgtgat gaacaaaagc acccaaacc aaaagggcag ggacgggggtg 1200
 atctgactga ggtgaggacc ccagccagcc aaattcatgg agacagaaag aag 1253

<210> 3119
 <211> 1826
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1827)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (124)...(588)
 <223> similar to gi5832891 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3119
tttttttttt ttgccttctg gatttttttt tttttaaaagg gaggttggtt cctgcatttc 60
cactctttga ccataggaac gcctggctac aaaagggggt gtaattggct gctgcctata 120
ggggccccag gtccttcctc caattgcaag gcagcaactc cgaagttcta agtccccatgg 180
aaagtggcag tggttgggct ggactgtggc tggaggatca ccgggcctcg gttctcaagc 240
accatctgtc tggctgcagc tgggcccttc agctgggggc cagtgttgct ttccagctgc 300
ccccaccggg tcagatcatc tctgggcaag gaagagctgc tgggcatctc ttactgtcct 360
tctcggcagg gccttcctcc accttgggtg cctcctgacg cctgcccccg aagtcttcat 420
ctgaaaagga gaggaagct gcctcatcct ctaccctgca gggcctcgct caggcacggc 480
ccctagactg ggcaagagag ctgacccgac tctctctgcc cccttcattt gggacccatg 540
cagatcccc caggtagacg atgcatgggt ccaggggagag aggcagcagg aactcagggt 600
gctggccagg gtccaccact gagctctgag accttggaca agttctcccc tcgtctttgg 660
gcctcaaatt tctcatcta taaaatggga tggaaaagct ggactatcta gatgacctct 720
gaggcccttc cagtcttgt ttctggatgc ctctgaccc tcgaatgtgg catgaggatc 780
agggttcagc tgcgggcccc ggaggggtctg aggcagagtc ttctggcccc cgtggccttt 840
ggaagggact ggggtgaaagt tgagaagcct ctgggccccac agactgaagc tgcccagtgc 900
ttggttctca ggccgagggt ccccatggg ggcaggcctg tctgccacct cacacccaaa 960
agaatatcc ccagaaacag tacctggcac ttcattgctac aggtacacat ctagggtggaa 1020
gtagggctag ggcctctttt caggggttgc agaaaggggg aagcaatgtc gaccaagtca 1080
gggggatcca tatctttggg tcacctgccc cccaacctc agtgtgttcc tccaggggac 1140
agggcggtg ctcccatgaa acaccagga actccgctgg gagatccccg atcatagaga 1200
agttggagct tcgatctccc ctccagcctc ccacacgcg tggccctcca catcatccag 1260
gaggttggt gttgacgca cagccccag cctgccaggc cattcaggaa aaccgtccca 1320
gggatgaggg gacactgccc tagtcctccc agtcccactg actctctgcc ccacccctca 1380
aagctctgga ggtacctgac acaccacct gacccccac acccttagta ctgtccccca 1440
ggctcatttt cctgaggta gtggtatggc caggccctga cactctcgcc cagcttacat 1500
ctctggggat ggagaaacag ctctcctcct gttccctct ggtgctgag cctctgctat 1560
cctaggccct gtttgagaag catgaatagg agttctgata aaaaggtgga aagccgtatt 1620
tctactcgag gaagggaggg ccaacatgct tggagtgagg aggactcgtg cccagttca 1680
actagagaaa tgaagggaag gtttgatatt gatggaagaa ccacttttcc tcccaagaag 1740
tacataacct cagacccaaa aaaaagttaa tagncnnntt ncgngnctct nctgttncaa 1800
cgttcacagg nnnnccggct caccce 1826

```

```

<210> 3120
<211> 1421
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1422)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (141)...(1026)
<223> similar to gi3875538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400>	3120						
ggcagcgagg	atgtggtaca	gcgcatggac	ctggaggggag	gctgggaact	gctcaggacc		60
tcggcggggc	atgaggaggg	ggccaccagg	ttggccagcg	gccccctttc	ccagggccat		120
ggctgagcac	gcagggccccc	gactccccct	ggtgctgaag	acgctggcat	gcacacacag		180
cagtgcgtat	gagaaccaga	gggtgaccac	caccgccttc	ctggccgagc	tgctgaacag		240
caacgtggcc	aacgacctca	tgctcttgga	ctcgctgctg	gagagcctgg	cggctcgcca		300
ganaggacac	atgcgccagc	gtgcggaggc	tggtgctccg	cggcctggcc	aacctggcct		360
ccggctgccc	tgacaagggtg	cgaaccacag	gccccagct	cctcacagcc	atgattggcg		420
ggctggacga	cggggacaac	cctcacagcc	cagtggccct	ggaggccatg	ctgggccttg		480
cgaggctggt	gcacctggtg	gagtcctggg	acctgcgctc	agggctgctg	cacgtggcca		540
tccgcatccg	gcctttcttc	gacagtgaga	agatggagtt	ccggacggca	tctatccgcc		600
tctttgggca	ccttaacaag	gtctgccacg	gagactgtga	ggacgtcttc	ctggaccagg		660
tggtgggcgg	gctggcgccc	ctgctgctgc	acctgcagga	ccctcaggcc	accgtggcca		720
gcgctgcag	gtttgccttg	cgcatgtgtg	gccccaatct	ggcatgtgag	gagctctcag		780
ctgctttcca	gaaacacctg	caggagggcc	gagccctgta	cttcggggag	ttcctcaaca		840
ccacctgcaa	gcacctgatg	caccatttcc	cagacctgct	gggcgcgtctc	ctgaccacct		900
gctgtttcta	cttcaagagc	agctgggaga	acgtccgagc	tgctgcaccc	ctgttcaccg		960
gtaagaccca	ccccctgccc	cacccccacg	ccgcccggca	gccccgcctg	atgcccccac		1020
ttcacagggt	tcttggtgct	gcactccag	cccaggcagc	agccgcagggt	ggacctggac		1080
cagctcattg	cgggtgagca	ccctccagc	gggcccctcc	gctgggctct	gctgacctg		1140
taggcacccg	cagggactaa	gtgattttcc	tggaatttcag	gactttttcc	ctgtcatttg		1200
tgacctcatc	gtctctagta	attcacggaa	acttcttaac	gtttccaaga	gagctataaaa		1260
aacactaaaa	aaggaaaaaac	gatctttccg	ttggctcctg	agcctcccag	cagaggctgt		1320
caggagagcg	tgggccacgc	gcaggcatgg	gcatgccgag	gtcacagccc	gcaggcagcc		1380
ccccctctct	acccccagcg	ctccagatcc	tgctgaaggga	g			1421

```
<210> 3121
<211> 1668
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1587)...(831)
<223> similar to gi4929633 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 3121						
ttttacattt	tcttcttttt	tttttctttt	aaatgagcaa	gtttgagagt	ctgcagtttg	60
gactaccatg	agaattgata	ggaaggtggg	agtcccaggc	aatcccagg	cctgtagcag	120
cagctggttg	ggttcccact	ccatgccgtg	cagagcctga	actcagggat	gacacctgca	180
cctgctctct	gggctgggct	ctggcacagg	aagcccccta	agcaaacacc	ccccgggcac	240
agccaatgcc	aattagccag	aacaaaaagc	tcgctgtacc	aacacccatc	catgggagac	300
aagcaagtta	tttctgagca	tcttcaactgc	tgaagaaaaa	ccaagggtca	gaagaggacc	360
atggcttgcc	acctaggcca	acggggaccc	aaagaatccc	accaagtgtc	aagacaactt	420
gccccatgct	cttcacggag	cgaccttgga	accctcccct	gacaggcacc	gctggctctc	480
ctgacgtggc	ctgcaagtgc	acggagcccc	ttcctcctcg	gccattccca	gtttagattc	540

ccaggggaag	catcagatgg	ccccctctccc	ctgctggcag	cagagcagac	ggaaccagcc	600
agagcccagg	gcagtgtctca	cctgcaggcc	agtccactgc	ggccagcacc	gccccctaga	660
acctactgcg	ggcatggcgg	ccgccagtcc	tgggtctccc	ggctcaggta	gtgccaggaa	720
gctgcgggca	tggcggacag	ctgtcctcgg	tctggaggcg	ccatcctggc	tttcaaactct	780
gctccagagg	ttatctgggg	aggggctgct	ccctcacaga	gggagcctct	aagcccacca	840
ggcgggcact	ttcagcccaa	agcctccggg	ccacctcctc	atcctcagcc	tcggggggccg	900
gggccttctg	tttgagtcca	tcgaagtact	ttccggaaat	catccgccag	ttcctccgcc	960
acggccaggg	tattgtgtctg	ggctggggcg	ggccagcttc	gggggctctt	tgaccaggca	1020
gccagaagat	gggcccagat	tgtggtgtctg	gagaaagggtg	gagccatgga	tgcccgtgtg	1080
tctgcccagc	tctgtcctgg	ccacgccggg	gtgcaggggcg	ttgacagtca	caccagagcc	1140
ttgcagccgc	cggctcagct	ccttggtgaa	gaggacgatg	gcgagcttgg	ctctggcagt	1200
aggcggtctt	ggtgttatac	ttcctcgtct	gccagttcaa	gtcgtcaaag	tctatgtgcc	1260
cagcaacatg	ggcaggggac	gagagggtga	tgatccgcga	aggggctgag	gctttcagct	1320
tgtccagcag	caagtttgtc	aagagaaagt	gacctggatt	aaagatgatg	aaaagggtcac	1380
ttttgactca	cacctaaaat	cccagcactt	tgggaggacg	acgggggagg	atcgcttgaa	1440
cccatggtgc	agccccctgcc	caggcctcac	ccagggtggtt	aacgccaaac	tgcatctcga	1500
agccgtcctc	ggtggtccag	tgggggcacc	gcacacaccc	cgcgttgttg	attagaatgt	1560
ccactcgctc	ctcctctgga	agagaggggt	ggaggaggag	acatcccgtt	gaggacagac	1620
cccagcctga	tgcaccagca	gaaacactcc	tgtgctccca	caacctgg		1668

<210> 3122

<211> 1506

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1363)...(1103)

<223> similar to gi436042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3122

tttcgtccga	gaggggtcaa	atgcctgttc	aaaggagag	gttcggagca	tggcctggga	60
aagtcctatcc	caaattggcgc	tgtcccagga	gcccaggcaa	gcagggactc	ccccttagca	120
ccgggaccag	catgtgggtgc	cctcaggcca	gcagagtggg	gcacattgga	tggctccgac	180
ctcgaggaca	cggacgatgc	cttccagcgg	agcacacacc	gctcccgcag	cctccgcaga	240
gcctacggcc	tgggcccgat	ctgcctgctg	gatgcgcccc	agaaccatgc	gacacccacg	300
atagccactg	gccagggtgcc	cgccgtgtgt	gagattctcg	tgagggaccc	tgaaaacaac	360
agcatgggct	acaggaggag	caagagcacg	gacaattttg	cctttctgaa	gaagagctcc	420
tttaagcggg	agtcacacctc	caatcttgca	gacctcagga	cggcccatga	tgacgggta	480
ccacagagga	ccttgagcag	ttcctccact	gactcccaaa	agcttgggtc	aggaaggacc	540
aaacgctgga	ggagcccgat	aaggggccaag	gactttgaca	gagtcttcaa	acttgtgagc	600
aatgtgactg	aggctgcctg	gaggaggagg	agtcctagga	gtggggcccc	atccccgga	660
gaggccagcc	tgagacttca	ggcacacagc	cggctgcatg	acgactactc	ccgccgcgtc	720
tccaggagca	ctgagcagga	cagcaggcgg	ggcggggcgg	tcatgcatgg	gaccactgca	780
acctgcaccg	tggcccccg	tttcggctca	gccacctcta	agggggccca	cctagacgct	840
gacactgccg	tatttctct	tgaacccaaa	agttcctggg	cggtggaag	cgacagttcc	900
tgcacttgca	gctctttgcc	aagcccgaatt	gtccaggatg	tgttgagcaa	agactcctgt	960
gacccaaacg	ctggcagcca	gttgacattt	gaccctgagc	agcctccac	ccctctaagg	1020
cccaccacac	ccaagcccca	gagccctcag	agcccccaga	gccccggggc	aggaagtgcc	1080

```

agctgtcaca gcaatcacag tgcctgtcc gcgaattcag aggaaagtga aggaagggca 1140
gaagagcctg ctcagagaga gccagggcct gtgtccttgc aggatcccct ggaagccaca 1200
catggtatga gggcagcaag gaccttctgg tgaacattgg tgtggcagcc ggcccagaag 1260
aaaaggagaa ggaggaggta agggcagcgg cgaggctcct catgtgggcg accctcctgc 1320
gggaagggag cttgcacagg tgttgccctt ggtccctaac ctgtcaaggc cagtggccct 1380
ctgctgacct tgttgccctt acagtattag tgggaatggg agttgtcaag ttgctgttta 1440
ccaagttcag aagtaatctc tatctccttt gaaataaatt gacaatgtac gagattcatt 1500
gagatg 1506

```

```

<210> 3123
<211> 2625
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2626)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (9)...(976)
<223> similar to gi466271 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3123
gctcgcaggc cagtccggtg aagagctacg actacctgct caagttcctg ctgggtgggcg 60
acacgactgt gggcaagggc gagatcctgg agagcctgca ggacggcgcg gcagagtccc 120
cgtacgccta cagtaacgat tgcagctgag aaggcgcgaa ntgcttggtc cctgaaaagc 180
tgccgcctac cctgggtctgg agcccctgca agctggcgta gagcaggaag gggttgcatc 240
acggctgagt cctcccctgc gcanacaatg ggatcgacta caagaccacc accatcctgc 300
tggacggcgg gcgcgtgaag ctggagctct gggacacgtc gggccagggc cggttctgca 360
ccatcttcag gtccactacc aggggcgctc aggggatcct cttggtgtat gacatcacca 420
accgctggtc ctttgacggc atcgaccgct ggatcaagga gatcgatgag catgaccccg 480
gagtcccccg gatcttggtt ggaaaccggc tgcacctggc cttcaagcgg caggtcccga 540
cggagcaggc ccgcgcgtac gcagagaaga actgcatgac cttctttgag gtcagcccc 600
tgtgcaactt caacgtcatc gagtccttca cggagctatc ccgcatcgtg ctcatgcggc 660
acggcatgga gaagatctgg aggcccaacc gagtggtcag cctgcaggac ctctgctgcc 720
gggccatcgt ctctgcacc ccggtgcacc tcacgcgaaa gcttccactg ccggtcacca 780
tcaagagcca cctcaagtcc ttcttcgatg ggccaacgcg attggaacgc ggtcatgatg 840
cacggctggt cctactccat ggccagcggg gccgggggcg gcggcagcaa gggcaacagc 900
ctcaagaggt ccaagtccat ccgtccacc ccagaaactg ctgcgggagt 960
aactgcaaga tctcctagcg gggacgggcg gggcgcgctg tgcagatgcc aggaggctc 1020
gagctggaca ctctggctg gacgccaggc cagtgcgccc tacgtggaga ctgtccacac 1080
agctgcctca gaagcgccgg gctttcctca cacctgagcc gggcgcgagg aggagcatgc 1140
acggaccaag cgcggcaggc gggaggaggg ggcgcggctg ggctgctggt gcttccggga 1200
atcttggtct gaaacaagcc gggcctcccc agctgcctgg gcttgaccgg cggggagcct 1260
ggttggcctt tcttatttat atagagaaca cttcactttt ttgtacattt ttaaggggcc 1320
ttcagggag cctgggtgtg gcccggtggt ggtgcactgg tgacttcatg gccacgccag 1380
ctgcggggac gcacttggga ctctcagaga ggggactcgc ggccgcgatg gcaaggcatc 1440

```


ctgtgaattc	atgcgctgcg	agtggcgggg	ctgcccagag	gccgggggag	cagacagggc	1500
cggtgctccc	tctggaagct	tgggtgaccg	gggccctggc	tcccacggga	tggagggtgt	1560
ggctctgtgg	tcagagccca	agcagcactc	aggagagggg	agaaaggagg	tgcacctggc	1620
agcccacatt	tttgttgctc	cccaaataccc	tcccacgtg	gggatgagaa	ccttcctgct	1680
gtgatgtgac	accttcgggg	acattgacca	ctcaaaactc	agatcatctc	gcccaccctg	1740
gagagtgcag	agctatctgt	agacttagga	atacttgatg	ggcagcgggtg	cagaccccgg	1800
gcacctgcgt	gcagcctcct	gttctcggca	gcttctgtcg	ctggccctgg	ggtccccaca	1860
gctgcagctc	tcctgtgagg	ttgcacggca	tcagaacccat	cctgaccttc	ttagggacgt	1920
gcctggaacc	acctcgtcca	cgtccacgtc	cacctggggg	cctcgggagg	ctaggcccct	1980
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agccccctctg	cacggtcacc	atcgccctggg	cctgcccaca	gcactgggtgc	tcacctctac	2160
ctcctgtcct	cagggcgtgc	ggcacgacat	ggccagcacg	cagaaggagc	cctcccggga	2220
cccaggaccc	cccgtggtgg	actccgcggc	acatgcttcc	caagggtggc	ccacggaggg	2280
tgttactggg	caccagtggg	ctcgcacctat	ggcccgttcc	tgggagatga	gggcccgtgg	2340
ctgcatgaac	taccagatga	gtaagggaac	cccaggcagg	cggccctgcc	acagcccccc	2400
aaagacactg	gcctcctgct	ccagcttccc	tgtcctggcc	ccacctgtcc	tgttgctgcc	2460
agcagggccc	ttgtttggga	ttatgaacaa	acctcacaga	ctttgaggac	ctggatggtc	2520
ctgcattcac	ggcatcaaca	ctaccgcgc	tgtctttaga	cactccgcca	ttcctgggtc	2580
tctccgaacc	gttctttgta	cagtaaattgt	aattcagctg	tggtg		2625

<210> 3124

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (365)...(307)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3124

tttcgtcgga	ggcggggcg	ggcgcgctccc	tgtggccagt	cacccggagg	agttgggtcg	60
acaattatga	aagactcggc	ttctgctgct	agcgccggag	ctgagttagt	tctgagaagg	120
tttccctggg	cgttccttgt	ccggcgccct	ctgctgccgc	ctccggagac	gcttcccgat	180
agatggctac	aggccgcgga	ggaggaggag	gtggagttgc	tgcccttccg	gagtcgcgcc	240
cgtgaggaga	atgtcccaga	aatcctggat	agaaagcact	ttgaccaaga	gggaatgtgt	300
atatattata	ccaagttcca	aggaccctca	cagatgcctt	ccaggatgtc	aaatttgtca	360
gcaactcgtc	agacgggggt	tcactgtgtt	agccaggatg	gtctcgatct	cctgacctcg	420
tgatccaccc	gcctcggctt	cccaaagtgc	tgggattaca	ggcgtgagcc	accacgcccg	480
gccaatattt	tgtaatTTTT	agtagagatg	gggtttcact	atgttgcca	ggctagtctt	540
aaactcctgt	cctcgtgac	ctcccacctc	ggcctcccaa	agtgtgaga	ttacaggtgt	600
gagccactgc	atccagccaa	taatatgctc	tttaacaaac	aatggatcaa	aggagaaatc	660
acaagggaaa	tagaaaaata	cttaaaaatg	aatgaacatg	aaagaaaaca	taccaaactg	720
atgggaaaca	gtgaaaacag	tgcaaacgag	gcaatttata	gctatacacc	attaaattta	780
aagataagaa	agacgtcaaa	ccaacaa				807

<210> 3125
 <211> 1337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1338)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (252)...(946)
 <223> similar to gil255433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3125

tttcgtggtg	actccagcgg	aggagctctg	ggacaccctt	gtctagggaa	gaggtcttac	60
tggttgccct	cacctgactt	tgtgtcccca	ggcccccagc	catggccctg	tccctgcctc	120
tgggccctag	acttggtca	gagccccca	accacccacc	gggagcacct	agagaggcgg	180
acattgttgg	atgcaccgtc	tgccccgcgt	ccggagagga	gagcacgagc	ccagagcagg	240
cccagaccct	gggacaggac	tccttgggcc	ctcctgagca	cttccagggt	gggccaaggg	300
gcaatgagcc	tgccgctcac	cccccgagat	ggtcaacacc	ctcttcctac	gaggacccag	360
ctggggggcaa	acactgtgag	caccccattt	ctggcctgga	ggtactagag	gctgagcaga	420
acagcctgca	cctgtgcctg	ctggggctgg	gccgccggct	gcaggacctg	gagcaaggcc	480
tggggcactg	ggcattggcc	cagagtggga	tgggtcagct	gcaggccctc	caggtggacc	540
tacgaggggc	agctgagcgt	gtggaggcgc	tgctagcggt	tgggtagggg	ctggcacagc	600
ggagtgagcc	cagggcctgg	gcagccctgg	agcagatcct	gcggggccctg	ggagcttacc	660
gagactccat	cttcgggcgg	ctctggcagc	tgagggccca	gctggtcagc	tacagcctgg	720
tgttcgagga	ggccaacacg	ctggaccagg	acttgagggt	cgaggggagac	tcggactggc	780
caggacctnc	gtggggtctg	ggggccctgg	gcacccagta	gcctccccac	ttccacagag	840
ttggagtggg	atccggcggg	ggacattggg	ggccttgggc	ccttgggaca	aaagacagcc	900
cggacactag	gagtgccttg	tgagctgtgt	ggccacaggg	ggccccaggg	caggggacaa	960
ggccttgagg	tgagagcaga	cccccttgag	ggaccttctg	ccaggcaccc	tggggacatc	1020
tctgcgcacc	ttctagcaag	atcctgccct	tccaaggagg	tgtcagtggc	tctgtctccc	1080
cctctatctc	tgtctctcgg	tgtctccttc	tatctcactg	tttctctctc	tctgtctctc	1140
ctgtctacat	cctcaagccc	catctcaaat	tactctctat	cctgaggccc	ccagatgatg	1200
ccccactcac	ctcctgactg	tcccagtctc	tcctgaagtg	ccacctcttc	agggaggcct	1260
gtcgtgacct	ccaaacatga	gcactcctat	cttcttactt	tatttctctaa	cagcactcac	1320
cacagcttga	ctttgta					1337

<210> 3126
 <211> 918
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (909)...(733)
 <223> similar to gil90510 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3126

tttttttttt	ttagaatata	tttcatttta	ttataaagca	gtgctcccaa	acttttcaca	60
gcgtacacct	cgagggtgga	gaactaacat	ccaagcacac	ctggatggtg	gatgggaccc	120
acttctgggt	aacctgatga	ggaagctcta	gtgaagaaat	tcaggacgcg	gtcttcagag	180
cagagggctt	ggttcaagtc	cctgttctgc	cacttactaa	ctgcatgacc	ttgagcaagc	240
cacttaattt	ctctgctcct	tctctgtgaa	atgggtacaa	tgtggtcagc	agtaaaggaa	300
ctaatacatg	tacagcactc	agcacaagc	ctggcacaca	gcaggctctc	accaggtgcc	360
attctcagca	caactgcttg	gttgagctac	tgtggcagtg	gcaggttgtg	ccccaagggg	420
gtgggctcag	gagcccgtgc	agcaagaggc	agtgaaccaag	gaggcagggg	acaatagccc	480
tatcttttca	ggatctctgc	cttggaacctg	gagaatggag	agactttgct	cctatcacgt	540
cccaagttgg	gaaaactaag	gacgaagccg	gtgactgaca	tctgaaatgg	aatcctctgc	600
atctccaagt	ggccctatac	ctgacaatat	cattactagt	gaaaaccaag	tgacaaacac	660
actcctcgac	cccaagttct	tccacatgtc	ccattgagga	gagcacagcc	aataacgcag	720
agtgtattta	tgcgcagggc	tggctaaaca	ggctggctac	gagtccggaa	cagtgtcagg	780
atctggcttc	ccattggccg	acatgacaga	atccttctcg	cgttgctctc	tgatgtactg	840
gtccaacagg	gtggtcagct	ggaggggctg	gtgctggagc	agggagtggg	tctgggctgt	900
gaggcaggtg	gagttctg					918

<210> 3127

<211> 1373

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1353)...(1134)

<223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3127

ccaggggcat	ttcgtggggt	cggactggca	gcagaatagt	gtggtaatct	gtgatgggct	60
gggccagggt	gttggggagt	acaaggggcc	aggcctgcat	ggctgccagc	cgggctccgt	120
gtctgtggat	aagaagggtc	acatctttct	gacccttcga	gaagtcaaca	aggtggtgat	180
cctggaccog	aaggggtccc	tccttgagga	cttcctgaca	gcctaccacg	gcctggaaaa	240
gccccggggt	accaccatgg	tggatggcag	gtacctggtc	gtgtccctca	gtaacgggac	300
catccacatc	tttcgggtcc	gttctccgga	cagttaaagg	ggctaggact	agggtgagag	360
ggagtgggga	gggagagggc	aggaaggagg	cagagctgtc	cgtgggaggt	ggaggccgag	420
gacattttcc	tgaagggcag	gggttggcaa	cttttcaaca	tggagtgcc	aactgctaac	480
ccgtcttcta	gtgtgtgaga	atagggacca	aggtggtggc	gtgaccttaa	ctctcagaag	540
cagaggaggc	aggtgggtgg	agggggatgc	tgggaattca	cctgcctctt	gctttttgtg	600
ggtggctgct	gccaccaccg	ccgtctgtat	atagtttagg	tttctgaggt	ttgtgagcct	660
gtcctgcttt	gcattcttca	aaaccattcc	tgatagagta	gccgagggag	agtcttgggg	720
ccaagaaggg	cccagggtgg	gtcaggcggtg	tgcactgtgg	aacagagctg	agaccccggc	780

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cccccttggg ctggcacagg gtcctacaga gtcagaggag gcctgagatt tcgaatgggc      840
agtgaatggc ctcttctgcc agccacaggc aggatgctcc ttgatcacgg catcccccg      900
cggtagtaca gggtagctt gcaggagggg ctgcaagtgc agacagcagc tggggccaaa      960
gaggtgttag gttcaaaggc tgcgaagaga ataggctact ggaaaaccaa acccaacaga    1020
attcacgtcc aaaaatccac attctccatc gcttctcagc cttttggcta agattaagta    1080
ttaaaaaaaaa accaggctct gccaggcgca gtggctcatg cctataatcc cggcactttg    1140
ggagtctgtg gcaggaggat tgcttgaggc caggagtttg agaccagcct gggcaacata    1200
gcgagacccc atctctacaa aagattaaaa attagctgcg tgtagtagca tatgcctttc    1260
aacgtagcta ctcaggaggc tgagggtggga ggatcccttg agccgaggag tttgagtctg    1320
cagttagcta tgatcgacc actgcattcc agaccccatc tcgaaaaaaaa aaa          1373

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<210> 3128
<211> 3869
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3871)...(791)
<223> similar to gi3327170 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3128
tttttttttt ttctcattaa caaagcagtc aattcccttt atttttaaaa ttttatgtac      60
acatatgaat gatctgtata atgtacattc aatatagaga agctttatat atgtgatagt     120
tgtagagaac atttcagaat gatactcatc ttttacatga catcttgaca tccattttta     180
aatttgtttt gcacaagctc cttgtcattc aatttggtta aagccagtta tacatactaa     240
tgtgtactgt gagcctttca gaagggttaa tgattgaggg atgccagtga aggggtgcag     300
gggacaaaac ctaataggtc ttgggatggg tgggggggga gggatgggcc acggcaggac     360
tttgatgca gggagagggg gaaaatattc tttcccgggg ggaaaagtga cttagcccaa     420
ttttgttga ctgtagctca accctacagt catgcctagt tcaaaaaaaaa aattccaaaa     480
ctaggaagaa agttttgtct ttttgattca cagttttgta aacagatata aaggaacaaa     540
tgtgcttaca tacaccaaga aaaaaaaaaat tcttgtgtac ccacttatgt tgatccacag     600
agtgttttct tataatgtga tacaattagg atcactgact ttttttccta aaaatatatt     660
tatagaaaaa ggaataacac tgtcatgaaa ccaggagaaa ggcagtaaga gtttgcttca     720
acgtatcagc tggaggaatg tggacttggc actggccttt cagcgtttat tgtctctcgt     780
gaatatttca agtctgatag ccaaggctgc ctgcctcatg gtctacagga ggtggcaggt     840
tagacatgac tgatgtagat gtacctgcgg taaggtagcc agcaactcca ggtcctgtga     900
ggtatcctgc tgtttgtgac tcagaaatga acaaatcatg tttctgatct ttgaaggcac     960
tccagactga agaacggcac aggatttcat tcacctgttc tccatactgc aaacttcgag    1020
tcattgcctt gagagcttta acaatctgag ccttagtggc tgctgggctg tccagggttt    1080
caaggccaat gccttcgagt aattttaaga ggtatggaac caaatctgct ttcagggtct    1140
gtgctactaa ttactctgc tccttctgaa acattcgatt aattgcttca caggctagac    1200
caacagtatc tgctcgcttt ttcatccat tcatcagtgg gccaatggtc tctaaagatg    1260
ccatggctcg aacacacagc tcattttcag acaaggcatg gataaccgga atggcactct    1320
taggaatggc attgttcccta tgattcattg cctggataac tttgggaaga tggcccaatg    1380
gcgggacctg atctgccagc tgagggtgtg cgctgaagag acacactgtt gccattgtca    1440
aggtttccag agtttctcca tgaggattgt tcttctctag gagctcagtt aatttttcta    1500
acagggcaat aagaaattct ctaggctttc ttagaaccca ggctggttgt gcaataaaga    1560
tcctcaagaa gactcctcca acagcaagtt cccctctgc ttctccaaac accacagcaa    1620

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aatcttcagg	caacttccag	tttgcctcag	ggttgtcctg	ctgattttta	aagtgtctcta	1680
gcatcatttc	cctaactgtt	gtggacactt	tatctctgga	attatcattc	caaattaact	1740
caggattttc	atgagttcct	tcaaaaaata	tgtacagcag	cttcaggatt	gtctctcata	1800
gcatcccatg	aaaacgcttg	gtagaaaattt	cattaacggt	aattcgaacc	tttggaccta	1860
tcagtttatc	tgctgtcatt	ttggcaaaaa	gttctgctgt	ttgggctcga	acctgtggat	1920
gtgttgaaat	gcagaacata	tccagtaaat	ggaatcaaag	caccctttgc	cattgcttct	1980
ttgattaatt	tttgtactcg	gatgtccaaa	gcataaagag	tttcccagaa	ccaagctgac	2040
cgacttgatg	gcaatgaatg	tagaagagcc	aataaaactgg	acaaaaacca	ttgattcagc	2100
aatattgttg	acacagtcct	ggttagatgt	cactatatct	acaacctctt	aaagccaacc	2160
tgctgtactt	gaccagctcc	atgaaacgcg	gagaagagaa	aatatacacc	tacagtgcct	2220
aatgtcattc	actctcagaa	cctggattgt	attttatgac	atttctcaga	gcctccaaaag	2280
ccattttctac	tctcggttaag	cgatctccat	gttgcctcga	ctccactttt	gccgcgtgtg	2340
tgatggccat	gaatgtgtgc	aagtattggg	cctgcgagcc	tatataatcc	aagagacttg	2400
cagcaaatgc	ttttggaacc	tccagttgga	aagtaggaac	ttcattatac	accctaacaa	2460
aaatctcccc	tacaataagt	tatttggtcat	gatcactgta	gacaaattct	gatccataag	2520
ttttgtcaca	atcacctttt	ttaatcatgt	tttcttggtg	ggattcaaga	aattcaagta	2580
attctgctct	tgtagaattg	ttccatatca	aatatggact	ttctgtgttg	ctgttaagca	2640
tcttcaaaat	ctcagtcaca	ctagccacag	caagttttct	agcaacatag	ggtgtcagca	2700
tgccagctaa	gcttttccct	atggttggtg	tttctggagt	tgcttggtct	tcagccaaat	2760
accctccaag	gcgactcaga	gcatggacac	tcagtttggc	aaggctgttt	gctacctcct	2820
gctgggtttg	ttcttcactt	ttctgaatgc	cactctcttc	tagtgtgtag	tcataattaa	2880
acagaaaacc	aaggagatac	cacaaaattc	cagcctgaaa	taggtgtgtc	tgtagccaga	2940
aatccacagc	aaaagaactg	acacattcta	ccccaaagag	agctacgcgg	ggaatactct	3000
tgccaaaata	tagtaccgga	cagagatcct	tgatgatgct	aggcatttcc	gtgatcttct	3060
ctcggcattc	ctcaaaactga	gcagccacac	tgtagcattt	acttatgtat	ccacacacct	3120
gtactgacat	gtcacttggt	ttactagaac	gagtcaagac	agccacacag	cgactaaatg	3180
cctcttgtaa	cacctctagt	ccattctctc	ttctgagctc	ttcagcattg	agggctgaac	3240
agttgacagt	atggaaagct	agctctgtag	ccgcaggcaa	caatgggtgat	tcttttgaga	3300
aaaggagggtc	atctgaagtt	tccattgtta	tagtccgaat	aagcatgggg	tatcctgcat	3360
atttataaag	ctgtaaaatct	tctttatgac	ggttgaagag	gatgctctgt	gttttttagaa	3420
ttaaaattat	attctctgga	tctggcccat	ccactatttt	tgctgatttg	gtacataaaaa	3480
attcatatgc	tttattttact	ttttcaaaca	tgtccctccc	ttctggattc	ttatcagggg	3540
ggtacttttg	tgcaagtctg	aagtaagctt	tcctaattct	gctctcatca	tgcggtccct	3600
gtccttgagg	cagattaagc	acttcataag	catcatctat	tgacatcata	ggtggcttct	3660
tttctacttc	tttcttccag	gcatcaaggg	tatcttttag	aagcttaacc	gggtctttta	3720
ttggccaatc	tggaaaccgg	agtgtatcac	acagttgttt	gaggtaataa	atattacaaa	3780
atagttcatt	ttcgagttgt	ggatagttga	ttataggaat	ggggcaatac	tgataaagtg	3840
ctcttggtgt	actctgaaga	cgaggtgtg				3869

<210> 3129

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(545)

<223> similar to gil698455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3129
cagaaacatg gctttaccag tatgaccctc aagacaaaat acaaaacaat ggctaccaag      60
aggtggaagt ggcccagtc cagcaagagc agattgatca agagcaaagg tcatggtaac      120
agttttttgg atcctcaagt ctttttgctt gttgactttt tggagggcca aataaagata      180
tcatctgctt attatgagag tgtttcgaga gaaatccaaa gcttagcaga gaaacgcctg      240
ggaaagcttc accagagggt cttccaccgt gacagttccc ctgcgcattc ctctcataaa      300
gcaagggcag tttagctaga atttctatca aaaatcatta ggtatccatc tcccagtcct      360
gatttggttc cttctgactt ctttttggtt cccaatctta aaaaaatccc tgaagggcac      420
ctgtttttct tcagctaata aaaaagacat ggtaatttc ccaggaccct cagttcttta      480
aggatagact gaatggctgg tatcattgct tgaacttaat ggagcttatg ttgggaaaca      540
aaaat                                           545

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```

<210> 3130
<211> 1350
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc feature
<222> (1251)...(982)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3130
ttaaatttgt agattaattt gagaattttac atctgtagaa cattctagga acgtgctatc      60
tcatgtcatg tattcatttc ttggtaaatgt ctttcagaag agcttttagtg tttccatata      120
tagatcttat acatcttttg ttagataaaa gatctttgta tttttgttcc taaattcttc      180
atacatttgt attgccattg taaatgggat ctttcctcca ttttctaatt agttattggt      240
ggtacatggg aaaagtattt gaggtttgtg tgctgatttc ttgattttgt agatagccac      300
tgtattgaat tctcattact tccagtaaaa tcttagttga ttctcttagg cttctttggc      360
taacattttt catttaatat gcaaataatg atagttttgt ctcttccttt ccaatacttc      420
tactctttcc ttcctttccc ttttcctttt tcctttcctt tcctttcctt ttttttccct      480
tctcagggcc ttgttgtcac ccaggctgga gagcaatggg gtgacctagc tcaactgtagc      540
atcaaactcc tgggcttagg ggatcctcct gcctcagctt cctgagtggc tgggactaca      600
ggcaggcagc taatttaaaa aatgtgtttg tagagacaag gtcttgctat gttgcccagg      660
ctagttttcc tgccacttca gaggaaggac tcagggtttcc tttttctcct acttttaaga      720
gtttttatta ggaattatct gttgaatgtt atctaaaaca gtcaataaaa tgtattaagt      780
accagctgca tgcaagacct taagttagat acagtcagcc ctcttcatca gcaggctccac      840
atcttcagat tcaactagat aaggctgaat atttgaagaa agaaacaata aaaatacaat      900
tagaaagtac agtataacaa ctgttgatcat tatacaatat ctatacattt tattagtgat      960
gacctaaagt acatgggacc aggcacgggt actcacactt gtaatcccaa cactttggga      1020
ggccaacctg ggccagctag tgagaccttg tctttaataa aaataaaaaa aaaaaatta      1080
gccagtgtgg tggatatgcac ctgtagtccc agctactcaa gaggctgagg tgggcagatc      1140
actggagccc aggaggttgc ggctgcagtg agctgtgatt gtgacactgc tctccagcct      1200
gagtgcagag ggggtgatcct gtctctaagt aagtaaataa ataaagtata tgggggggggt      1260
gtgttggtta tatgcagaca ctgcaccatt atacgtaagg gattgagcat ccacagattc      1320
tggtatggtg tgggggcgat atcctagaac                                           1350

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<210> 3131
 <211> 1863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1864)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1660)...(416)
 <223> similar to gi699196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3131
 ttttttttgt ttctccagt gtgatacttt atttggtttt ttgtgggaaa cctctgggac 60
 ctgccctgga gagcctggca actgcagggc actgtggggc tgggaggtgc ctgagcacgt 120
 ggggccaggg gctggcatgc accgcgctgc acagatgagg tcggtggtga ccaggcagag 180
 gtgacaccag ggacggtctc cttgagctgc aacaactggc ccgaggctgg ggaccccaca 240
 tggtgatttc atcccaaaca gttcttgatt ctacgtgacc tgatttgggg ggttcagggt 300
 taaggagggc caggtcttgg acgggcccc gtggttctcg gtgtgaaggg gacgtctgct 360
 gctccccacc agaccgcag tcccagtctg ccgggtcatg aggggtggaa gtgcctgatg 420
 agcgcttct tgtcaatctt gccatctgg ttccgcggga tctcctccac cagcaccagc 480
 tccgagggca ccgcgtacgg ggccaggaca ttcttgccc actctttgag ctccctgtgg 540
 gacagtgagt gtccttctcg gagggtcacc acagcagtga cccgctggcc ccattgtcata 600
 tccggaactc caatcacagc cacatctgtg atgctggggg gggccagcag gtgccactcc 660
 acctccaggg cgtgacctt gtagcctcca gtcttgatga tgtccactga ggtccggcct 720
 cggatccagt actggccatc cttaaaccac acggtgtccc ctgtcttaaa ccagccatcc 780
 aggggtgaatg cactcttagt ttcttctggt ttattccagt attctcgaaa cacggagggt 840
 cccctcacca gcagctcccc ctcttttct tcaaaccctg gggtcacctt ggtccccctc 900
 tcgtctccct ctgctgggat ggtgtaggag caggcttccc tctgtgggtt ttctgagaca 960
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 gtcaggggccc cggacagagc catgccgatc tcggtcatgc cataccgctc cagcagggtg 1080
 tggcccgtga tgttcttcca cttctccagc actgggaggg gcagggcagc tgagcctgag 1140
 accatcagcc taattttttc ttcacaaact gcacgcaaga aatcctgggc gtgctggctgg 1200
 gtaaaatgcc tgtcgtagta ctccatcagc ttggtgtata ttgtaggcac tgccataaag 1260
 acattgatcc gcggcgcttc agaacttaag aacttttccc aaacctgctg agggctgaac 1320
 tcaggcatca tcacacaggt ggctcccacc cagagaggac agagcagcgc gttgaccaca 1380
 ccatggacgt ggtgcagcgg gagcacgtgg aggatcacgt cgtctttggt ccatgcccac 1440
 ttgtggacca gcccggtcac cacagccctg atgttttggg gcgtgctcag cacgcccttg 1500
 ggctccccg tggctccact ggtgtagatg atcatggcgc ccttgttcct ccatecctgc 1560
 tctgggaccg ggacctctgc cggttcctct actgctccag tgtagatggc tgggtgtgagc 1620
 ggcagcagcg ggacccccag cttcctgacc accggggtca ggagctccag gtactcctgg 1680
 ctggcaagga ccacagagct ctgggagtcg cagatgacat actccagctg ggccgcgga 1740
 tgcttctctg agaggggtac tgccacaccg ccgctcatcc atgaggccct ctgggccacg 1800
 acgtaggagg cgtgggttagc tcataggaag gaggaatgcc nctcnncagg gtaggctatc 1860
 gag 1863

001210"52298460

<210> 3132
 <211> 1122
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1091)
 <223> similar to gi32015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3132
 ggccagagca gctgatcaca ggaaaggagg atgcagccaa caactatgcc cggggccact 60
 acacggtggg caaggagagc attgacctgg tgctggaccg catacggag ctgacagatg 120
 cttgctctgg cctgcagggc ttcttgattt tccacagttt tggtaggggc actggctccg 180
 gcttcacttc tctgctgatg gaacgcctct ccctggatta tggcaagaaa tccaagctgg 240
 agtttgccat ctaccagcc cccaggtct ctactgcagt ggtggagccc tacaactcca 300
 tcctgaccac ccacaccaca ctggaacatt cagattgtgc tttcatgggtg gacaacgaag 360
 ccatctatga catctgccgc aggaaccttg acattgagcg ccctacctat accaacctca 420
 accgcctcat cagtcagatt gtgtcctcaa tctactgcttc tctccgcttt gacggggccc 480
 tcaatgtgga cctcactgag ttccagacca acctggtgcc ctacccccgc atccacttcc 540
 cgctggtcac ctacgcgccc atcatctctg ccgagaaagc ctatcacgaa cagctctctg 600
 tggccgagat aaccagctcc tgctttgagc ccaacagcca gatggtgaag tgcgacccga 660
 gacatggcaa gtacatgggc tgctgcatgc tctaccgggg cgacgtggtg cccaaggatg 720
 tgaatgtcgc tattgctgcc atcaagacca agaggacct ccagtttgta gactggtgtc 780
 ccacaggctt caaggtgggc atcaactacc agccccgac cgtggtcccc gggggagacc 840
 tggccaaggt gcagcgggccc gtctgcatgc tcagcaacac cacggccatt gcggaggcct 900
 gggccgcct cgaccacaag ttgcacctca tgtacgcaa gcgggccttt gtgcattggt 960
 atgtgggaga ggggatggaa gaaggagaat tttcttgaag gccaggggaa gacttagctt 1020
 gccctggaag aaggattatg aagaagtggg gactgattcg tttgaagaag aaaatgaagg 1080
 ggaggaattt taaatatata ccttcccctt gaaaaaaaaa at 1122

<210> 3133
 <211> 1850
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1338)...(1675)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3133
 tttttttttt ttctccgtac aagtatttta ttccattac aatagtcca cgccaaaact 60

acagtagctc	aaaacataat	acaaaaaata	gattcccagc	tcccaacccc	acgtccacgc	120
acccacagag	aagccagccc	tatggctccc	caggcctaag	gggaggggtc	tcacttcatt	180
ttccttaaag	ctctggagcg	ggtagtggca	gtggcagggg	cttccacccc	tgctgggcct	240
gagccctctt	cttccccaac	cccctgccgg	ccccggcaga	cctgagccat	gagtgtggtc	300
tccattccct	cgggctgcac	ccccagccct	aggacacctg	cctctgtcca	gggagggggt	360
ccaagcccat	ggtgctgggt	ctgacactac	aggaccacca	ccctccacgc	ggaaggcagg	420
agggtcgggg	gaggggaggc	agaggggaca	ccatggctgg	gagaagcccg	cctctatgtg	480
gcaaggggac	tgcggtctgg	ttctgcttca	gctacttctc	gggttcctgt	ctcctctgca	540
gagctaccag	gactgctgcg	tgctgggacc	aggacctcca	tctggaatcc	actctcgata	600
ccctgcacca	gcttgagggc	agatcccaag	gtggcagggg	tgtccctgtg	ccgtctgctt	660
cctctcgggc	aggaggattc	cagcttcccc	ggtgagggga	gagcactgtc	caggcagggc	720
tgggccagga	ggcctgggct	gctgaggcgg	gaaagcggtg	gctgtggagg	gcacgtgctg	780
cccccacctc	cgtctcgggg	cctggcttcc	ccactggatg	gcagaggccg	ctccaggtgc	840
ttccacttgg	tggcgcccat	gagtctgcta	ctggagaagc	tgtggtctca	gggaggagac	900
agacaccaca	ggccagactg	ggtggaggaa	tcttcccctc	acaatgtccc	ctggctaaaa	960
gcatccatct	agctgcaagt	actatcttga	ttcaacccag	gggccgacaa	tggactgcag	1020
cccagggtaa	gtccagcagt	tttgacgtct	tccgatgccc	tgtgccatgg	acctgccggc	1080
cagagctcct	gggctcccgt	ggaggttagc	cctgcaggca	ccggggaaat	ggggctatgg	1140
cctgtgcttc	agtcaggaca	cctgggggct	gcactgcgga	ggccaagggc	atctaggagc	1200
aggggctgtc	tccttggggt	ggagactggc	ggctgcagcc	tcagataagg	cactagagga	1260
ctggactggt	cctgggagcc	aggcccagcc	atgtggtgga	tgacgggtgct	cagagagagg	1320
atltgggtcc	tgcgggaggt	gacagctggt	tctcttttct	tttttttggg	acggagtctc	1380
cctctgtcac	ccaggctgga	gtgcagtggc	gcaatctcag	ctcactgcaa	cctctgcctc	1440
ctgagctcaa	gagattctct	tgccctcagc	tcccagagta	ctgggattac	aggtgcccac	1500
caccactccc	ggctaatttt	tgtaattttt	tttagtagag	atgggggttt	accacgttgg	1560
ccaggctggt	ctcaaaactc	tgacctcagg	tgatccgccc	acctcaacct	cccaaagtgc	1620
tgggattaca	ggagtgaagc	accgggcccc	gcctgttttc	tcttttctcc	tttccctggg	1680
gaagaggggt	ggccggacag	accctggtgt	gggctgggat	gggggactgc	tgcggtgctg	1740
gaccaggacc	tccatctgga	atccactctc	gataccctgc	accagcttgg	aggcagatca	1800
caaggtggca	ggggtgtcct	gtgccgtctg	cttccctctc	ggcaggagga		1850

<210> 3134
 <211> 3458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3459)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(870)
 <223> similar to gi2244815 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3134	
ggtttacacg	tacctccgcc
tcacgtgga	ccaccatggg
actgccagc	tccaggccct
gacagaga	gaagtagact
tctgcatctc	actgcttcgg
gaacggttca	tggaaatgtct
	60
	120

gatgattggt	cgggatctcg	taagactact	tcagaatggt	gctaggatac	cagaatttga	180
actgctttgg	aaagatatta	tccataatcc	tcaggccttg	agtcctcagt	tcacagggtat	240
cctacagctt	cttcagtcaa	gaacatcccc	aaaattccta	gcatgtcgtc	taacccccgga	300
catggagact	aaactcctct	tcatgacatc	ccgggtgCGA	tttggTcaac	aaaagcgata	360
ccaagattgg	ttccagcgcc	agtacctgtc	aactccagat	agtcagtctc	tgcgctgtga	420
cctcattcgc	tacatctgtg	gggtagtcca	cccttctaata	gaagtactga	gttcagatat	480
cttgccccgg	tgggccatca	ttgggttggt	cctgacaacg	tgcacgtcaa	atgtcgcgtgc	540
ctccaatgcc	aagctggctt	tgttttatga	ctggctgttc	tttagtccag	acaaggatag	600
cattatgaac	atagaaccag	ccatcctggt	catgcaccac	tccatgaagc	cccaccacgc	660
catcactgcc	acactcctgg	acttcatgtg	ccgcatcatt	cccaacttct	atccaccatt	720
ggagggccac	gtgcggcagg	gtgtcttttc	ctccctcaac	cacattgtgg	agaaacgggt	780
cttggcgtgt	aaaaagtatt	ggctctacct	cagactgctg	ggcatatgtc	ttcttggtc	840
ttagaggaat	ttctctcctg	ccatcgTatt	acaaagacac	ctagctcccc	tgtttgacaa	900
ccctaagttg	gataaggagc	tgcgggcaat	cctgagagag	aagtTtccctg	agttctgcag	960
ctcacccctcc	ccacctgtgg	aagtcaaaaat	tgaggagcca	gtttccatgg	agatggacaa	1020
ccatatgtcg	gataaggatg	agagttgcta	tgacaatgca	gaggcagcct	tcagtgcaga	1080
tgaagaggat	ctcaacagca	aaggaaagaa	gagggagttt	cgcttccacc	ctatcaagga	1140
gacagttgtg	gaggagccag	ttgatatcac	cccttacctt	gaccagttgg	atgagtccct	1200
gagggacaaa	gtactccagc	tacagaaggg	gagtgatacg	gaggcccagt	gtgaggtcat	1260
gcaggaaatt	gtggaccagg	tcttgaggga	agactttgac	tcggagcagc	tgtctgtcct	1320
tgcttcctgc	ctacaggagc	tcttcaaggc	ccactttcga	ggggaggtcc	tgcctgagga	1380
gattactgag	gagtcctctg	aggagtctgt	aggaaagcct	ctgtaccctaa	tatttaggaa	1440
cctatgtcag	atgcagggaag	acaacagcag	cttctctcta	cttctagacc	ttctctccga	1500
gctatatcag	aagcagccca	agattggcta	ccacctgtc	tactacctga	gggccagcaa	1560
agccgccgca	gggaagatga	acctgtacga	gtcattttgcc	caggctaccc	agctgggCGA	1620
tctgcacacc	tgcctgatga	tggacatgaa	ggcctgccag	gaggacgatg	tgcggctcct	1680
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cgtgatgatg	ggtaacctgg	ttatgtttcg	aaaagactca	gttctcaaca	tactcattca	1860
gagcctagac	tgggagacct	ttgagcagta	ttgtgcctgg	cagctctttc	tggcccacaa	1920
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ggccctgtcc	tgcctactgc	ttcaactccg	aagagaaaag	cccagcgagg	agatggtgaa	2040
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ctggtgcatg	aaacatgacg	agctgctggc	cgagcacatc	aagtccctgc	tcatcaagaa	2160
caacagcctg	cctcgcaaga	gacagagcct	gaggagctct	agcagcaagc	tggcccagct	2220
gactctggag	cagatcctgg	agcacttgga	caatctgcgg	ctcaacctga	ccaacaccaa	2280
gcagaacttt	tttagccaga	cgccaattct	ccaggcgctg	cagcatgtcc	aagcgagctg	2340
tgacgaagcc	cacaagatga	aattcagtga	tctcttctcc	ctggcggagg	aatatgagga	2400
ctcttccacc	aagccaccca	agagccggcg	aaaagcagct	ctgtccagcc	ctcgaagtcg	2460
aaagaatgcc	acacagcccc	ccaatgccga	aggaaggagt	cggggttcca	gcagtgtttt	2520
caggaaggag	ggaaggacac	ggaaaccgaa	gccttaccaa	gcgggaaacg	gaaaagggtc	2580
ctctgcagtg	ggctctgaca	gtgactgagg	ccctgcattc	cccatcccac	ccccggctgg	2640
actgccctct	ccttcttggg	gattcaaagg	ttaatagagg	ctgaggagat	tgcaggggaa	2700
acacccttgc	tgcattccca	agctcccccg	gtggaaggag	gagctttctc	ctctggctga	2760
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cacactgtctg	ttcccagtga	tatttgggat	ctgactgaag	ccagaggctc	tgtaaaatca	2880
gaccatagtg	gaagtctca	gccccctggc	ccttccgca	atctcctccc	ccagtctccc	2940
aaagagccat	ttcaacagag	aagggaaatg	acaaaggggc	agctggccag	ataagctagg	3000
atgagagcag	agactcagtg	tgtgggtgtc	ccttccctgt	tcccccttca	ggctctgggt	3060
tgttctgaag	ggacgtttta	tagtcactat	ccacatgccA	gtgtgaaatg	ggcatctatg	3120
acgtggtcag	ggtgtccatt	cctaatacatg	ggggnggggg	gggnccccaA	agaatgccac	3180
cnaagcattc	agaaaggagt	ctgaaagggt	ggccacagcc	ccacgatggg	gtgccctggg	3240
aggcttaggt	tggctcttgag	gttgggcacc	tcaatctaca	ccagagcccc	aggggagtc	3300
cagagggcaa	gttttcacag	aattgtcaaa	tgatccatt	tcccttgagtc	tgtttttttt	3360
ttttgttttt	ttttgttttt	tttttggcag	agataatcgt	gttctttaaA	ttgttttttt	3420
aaatgacaat	aaaacaagcc	agaatgtcaa	aaaaaaaa			3458

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<210> 3135
<211> 1610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1611)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1610)...(418)
<223> similar to gi2854198 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3135
tttcaccatt gtgattttgt ttatttttttc tattaataaac aaaaagtcac acattcaaca      60
aggtgtgccg tgtgggtctc tcagccttgc ccctcctgct cctctacgct gcctcaggcc      120
cccagccctg tggtctccac ctacagctcta gaagcctgct ccctctgcag ggggtggtgg      180
tgtcttccca gccctgtccc atgtgtccct ccacccattt tcttgcatte tgtctgtcct      240
tttcctcctt ggagcctggg ccagctcaag gtgggcacgg gggcccagac agtactctcc      300
agttctgggg ccccccgagt gaggaggga cgggaagtcg gtgccttggg ttcagctgat      360
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aggatccact actgtcttta agatgcagag tggaggggag gtgggcaccc accctgcgat      480
tctccaccct tcccccttct ttcgctcctc ccatctctgc agacecctct cctcctcctt      540
cctcttggn cccacaactg aggggagggt ggtgcccagg ctgtggcctg cagtctgtga      600
ggagggctgt cttgcctcac actcctcaca gcctacttcc ccttccccgg ggctgagagg      660
gtgaaagtgt gtggggaagg agaggactgg ttctctgggt tctcaggggc caggaggagt      720
aacagaacca ggtctgctcc ccaccttact cggatggcct ccctgcccct ctgctggcac      780
agcctgggca aggggagaag gtggtccctg cagaggggct ccaggctggg gagagccccc      840
ctgctgtcag gaccagattt tcccagccat ccagcatgct gcggggagaa ggggcagagg      900
ctcacctccc tcttggggcc ttttgttttg gatcctgggg atggtgagaa tggaggttct      960
agaaggggta aggccagaac ccagggatcc aggagtcggc tctcagctgg agcttccata     1020
ccttctgggc tcccttttgc gaccaccagc ccaaggaggc taagaccagg agggggctgg     1080
gcgctgtccc ttctctttcc caggagccct gccaggggct gtgggcctac aaggcttcca     1140
ggggatgcca tccagcctgt aggaaccaa agatgggaag tggctcctag ggggctgtac     1200
tctctttcct cctcctcccc agtaccacat atactttctc tcttctatc tccaggggcc     1260
caccaatctg ttacatatt tattatccta tgggggcctg agcaggattg agggagccag     1320
gggaggggca ggagtcccag caccatcggt tcatagtggg cttgtgtgtt tgttttagat     1380
cctcctggga gatggggatg gggccagggt cagtgtacta ggccctctctg tgctgagccc     1440
caggctcccg gcccttacc cactctttcc ctgtggctgg tctggttctc atgtaaaccc     1500
actccttget ttgtctccct ggatatggat ttcagttaag tattttgtaa cccgttacac     1560
tgtgtgtcct tgtgtaaata aacttgtttc tggcagtgcc aaaaaaaaaa     1610

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<210> 3136

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<211> 2208
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (1274)...(173)
 <223> similar to gi3395416 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3136
 caaacgctga gtgactcggg gccggacagt tcataaataa ttgattcctt tccccactaa 60
 agcagtcgag gagatttgta atccactttt tagtgcaaca agagctccat gttatgcttg 120
 taataaatta ttacacggg agctgggctg gtgtgcagtg gcagggtccc tcagaagaga 180
 tgaggctcct gggacaggtc agcgtcaggg gcagcctgct gtctgctctg gagggcggcg 240
 ctacctctg ggtcgcagtc cccacgatca gccagcagct gtgagagagg agcaggctcct 300
 cagcccatgc cggccactag gcctcagacc acaggggagg ggctctggca gaaatagtcg 360
 agttgtattg ccagccaggc aggcacatgg cccaggcagc tgtcaattct catgtccccc 420
 acgtggccca aggtgggcat cttgacgtta cctctgccac gtgtgagaag ctctttttcg 480
 ggcaccgagg tattaactgc agcagaaaaa gacgagcttt tgttatcagt tccacgggggt 540
 tgccctagag agaaaacagg caaactcaca ggttagaaga catacagaaa cagggtctgg 600
 gtgtccccc tagtctgcat gctgtgccgg aacattcttt ggcagaagga gcctccggct 660
 ggggggagct cccctggagg tgggactggc ccttgacact gcctgaccct tgagctccag 720
 gctcctgcc gctggagggt aaactgtgct tgtatcccca gccacgaaga gctggaccag 780
 cttcaagtac atgtccacag caacatgcag gaaggcctct tccctgatgg ccgctctctc 840
 atggaagtag gagagaagac tagaggtaaa gacatagtga caaatggcta cagactgctg 900
 gaaaggtagc aggtgatgcc aagggtact gctcatctgt ggagcagagg cacagacaac 960
 ccttcccatc tggcgggacc cagaggtgct gagatggggg tctgggaaac actgcccagc 1020
 cctgaccagc cctgtgggtg gaggtacctg taaaaagcga aaggcagcag cctggtgtgc 1080
 tgatccgggg ccacacggag gaggagccgc cccagcctga ggtctgcaac accaagaagt 1140
 ggctcaggca actctggaca tctctgccta ttatcagtcg tggggacacc cctgggggtc 1200
 gggacgtgta ccctgggagg cctggctgtg gggatagtgt ggggcgaaca gcctgagctg 1260
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 ggggtgggtgt ggtgcagaga gaggcagtc ccatgatagg ccatttggtc ctggggttga 1380
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 tttgcaagtt gcctctgaaa agagcggccc tccgcatctg tgccctcagca gcgtgtttct 1560
 taccactctc tgtcaactga aagagtgcc gccaggatat cttcctcttc tctaaacact 1620
 cgaggattgc tgcacaaacg tggaaagcct ttggcaggtc tgtggtgctc tgtaaaccgc 1680
 aggagaccaa ccctgagaat ggccgacctg gtgctcccat gggtaggagg gtacagccct 1740
 cagcacagaa gagggcattt cctctttgct tattgtaagt cttaaaactg gtgacagttt 1800
 tacctataga aggtataact gggcctctgg acagaagagg ctgaggtagg aggccaggga 1860
 cttcgagcac ccacaccaag gctgctgcac cagctcctca aataagacat taaaagaaag 1920
 gcccacaggc cggatgcagt ggctcatgcc tghtaatcca acactttggg aggccgaggt 1980
 cggcggatca ctgaggccag ttcaagacca gcctggcaat atggtgaaac cccgtctcta 2040
 ctaaaaatac aaaaattagc cgggtgtgac agactcacgc ctgtaatccc agctactcgg 2100
 gaggtgatg caggagaatt gcttgaacc aggaggctga ggttgagtg agctgagatc 2160
 acaccactgc actccagcct gggtgacaga gtgagacccc catctcaa 2208

<210> 3137

<211> 2668
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2643)...(1592)
 <223> similar to gi3924708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3137

ttccatttaa	ggagctttct	gcatccactt	tatttagcca	gagagggaag	gggttgacat	60
aaacgaaaaa	gtggatcaaa	tagtcaagaa	catgatgggc	gcggcaatga	actgaaccac	120
ttttgctaag	tgacagaaaa	atattcctaat	attaaggatt	attttacaac	tctatggaag	180
taatgcagt	atgcactctg	catctgtttt	gtcttgatga	caaaacgcac	tcttagagtc	240
acaagatcct	gccttgtgtt	agttataaac	aaaaatatat	ttatatatat	atatttatgt	300
aactactatg	tgctttaaag	aaaattactg	tatgattcag	cagggttttt	tcattctttc	360
tatcgccatg	ctgacgtgaa	tggcttctta	gacaggaatc	agcaatgaaa	tgggtgttta	420
gtactgaaaa	ggcataaaat	taaaaataat	catatgttta	aaatccctta	acatttttgt	480
ttcaaaaatg	attaaggaac	tcttcatact	gtttcctttt	gtttccatca	gcccagagca	540
actgtgggtt	catgggactt	aacagttggg	gattggagggt	aagggttcca	taaagcataa	600
atcagatgtt	ttcattgctga	ggcaggaaaa	cagaaagccc	cgtttgccac	cccctcttcc	660
caaatccctta	gctaattgtt	cggaaatttt	gtcacagctc	atagaaagggt	cattcattac	720
aaaggaagag	gcagacatgg	tttgaacctc	ctgtacggat	aaaaagattc	gttctgtaaa	780
gtgatgaact	tgttggtaca	gatggatcta	gaccagaaaa	acaacatcct	tttgccacac	840
atctgttttg	aaaatgtaga	aaatctctta	ttttgtgttt	gttctcactc	ttgcatgggc	900
tgtttttctt	agcaatcttg	agacattcat	cattgctctt	ttgagtgaag	gggttcaggc	960
tttggaatac	agttatcttt	gagacatcag	agaacatttg	aaccaaagggt	gtcgatccct	1020
catgaactaa	agctttatta	tgattttttt	tttctgatcc	ctttgcaacc	ctgcacctaa	1080
gccaaaagca	ttataatctt	gtcatacttc	agataagtcc	acgggagatg	ttccgagtga	1140
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ttcaggctac	agcagcttag	agcttgtttg	tgtgtgtgtt	tggttgtttg	tcttaaagggt	1320
ataggcaaaa	ttttagtctt	aacacctgta	aaccagtact	ggtgttggtc	tgtcctagaa	1380
attttagcac	tgctctgata	caataaagcc	ttctttctct	ccaactgggt	caacttcagc	1440
ataggcagga	tgtccagagc	ctcttctaaa	cttcacgca	ggccatctgc	ttgggcgtct	1500
ctcaataaag	aagatgctgg	ctgctgatgt	tgggtggtga	tacatataga	ctgtcacaag	1560
aatggctgtg	gctacaatga	ggaccaggat	gaggattcca	acgatgaggc	cagcgtggag	1620
ggttccccct	ttcttctcag	ctgcaactgc	atctgtagaa	gctccattat	cttttagatg	1680
tagtgctatc	ttggtatcat	cttctgtagg	gaggctgggt	ggaaactgag	aagtcactgc	1740
tcttctgggt	gtagttagga	ccctgaactg	ggtggttggt	gtccctatgg	ttgtggtggt	1800
tcgagaagaa	gtttccactg	gttctgtatt	ctcacacatc	ttctcttttg	actcttcagg	1860
gcatccactg	tccaccctag	cctgcccagat	acgatcaaat	ccactggaac	atctttgaag	1920
tttactacac	caactgcagt	tgaagccaat	ctgagaagat	acacaggggc	cacatctgtt	1980
aaactggagg	catgtgggtg	atggggctcat	ctccacagcc	gaaatgttgg	taatttttga	2040
catttgtagc	tctactcggg	ggtattcata	aattgttctt	cttcgaacat	tgggaatttg	2100
ttggatcctg	tggacaacga	caaatgcata	ggacagtccg	actttcactg	gatgattggt	2160
tgaacttatc	tgtgtgacca	agacaggaat	ttctttgtat	ccaaagatga	ttcgtccatc	2220
catgagcagg	gttgccctgga	atgtgaagct	tcccagggtta	taattatcct	ggagatgtac	2280
atgggtccac	tggaccacaa	gtgctgtgcc	attatcaaaa	tatctgacag	ttgaatttct	2340
ggatacactg	ggatcgaaat	ttgccattaa	aggtgctatg	tactgtgtgg	ctgttagcat	2400
tcgatgtacg	acttctccag	tgtatatgaa	acccccggtt	gccacagtga	tttcacgtag	2460
gaagtggcca	taaaatggaa	aatcgaagga	cagattcact	cttgcagctt	gccgatgagt	2520
attggacaat	attccatgaa	tcttcacttt	atctttttcc	atttgggtcta	tgttcaccca	2580

```

taaatcccg ctggcagaat cagatggacc atatattcga gatataatgt aattgtggtc 2640
tgtacggacg cgtgggcgga cgcgtggg 2668

```

```

<210> 3138
<211> 655
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (650)...(326)
<223> similar to gi339776 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3138
gtggaggaac tcatactgtc ttataactca gtattttaaa ccgataacac tgattgcata 60
aacaaacaag caaacaaaat gaaaacttat gcaaatgtta actttgtttc cctgcttttt 120
aactctttgt tgtttctctt tataatcttac tgtaccatgt cttgaaaagt tgttgtagct 180
actatctttg gttggttcat cattttgtct ttccacttaa gagtagttta cacaccacaa 240
ttacagtgtt ataataattct gtgtactttc tattactggg gaattttgta ccttcagacg 300
atatcttact gctcattaat gtcttctttt agatggaaat aaagtattta gtatttcttg 360
tcagacaggt ctggtgttga tgaaatccct cagcttttgt ctgggaaagt atttctcctt 420
cgtgtttgaa ggatattttt gctggatgta ctattctagg gtaaaagtgt tcttccttca 480
gcacttgaaa catgtcatga cactctctcc tgacctgtaa ggattctagt gacaagtcta 540
ctgccagata tattggaacc ccattatatg ttatttgttt cttttctctt gctgctttta 600
gggtcctttc ttatccttg atgtttggca gtttgattat taaatgcctt gagat 655

```

```

<210> 3139
<211> 1549
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1549)...(1173)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3139
ccaggccctt gcccctgtca ctccctgagg tcacagggcc ctgccagacc gccactgtg 60
cctcgtggcc atggcctgct cctggcccta gtctgacttg tccctgcccc caaccctctc 120
cccagctcag ctccactgg acacccttca cggttcccaa ggccagccag ctgcagcagt 180
gacgcctgga aggacatctg gtggctcctt ggggagtggc ccctcctgag cctgcgagc 240

```

```

agcgtccttt tctctttccc tcaggcagcg gctgtgtgaa ccgctggctg ctgttgtgcc 300
tcactctctgg gcacattgcc tgcttccccc cagcgccggc ttctctcctc agagcgctg 360
tactccatc cccggcaggg agggaccgtc agctcacaag gccctctttg tttcctgtc 420
ccagacataa gccaagggg cccctgcacc caagggaccc tgtccctcgg tggcctcccc 480
aggcccttgg acacgacagt tctcctcagg cagggtgggt ttgtggtcct cgcgcgccct 540
ggccacatcg cctctcctc ttacacctgg tgaccttcga atgtttcaga gcgcagggcc 600
gttctccctc gtgtcctctg gacccacccg ccccttctct cctgttttgc gcagggacat 660
caccacatg cccagctct cggaccctgc agctctgtgt ccagggccac agcaaaggtc 720
tggtgaaccc ctccctccat tcccagttat ctgggtcctc tggattcttc tgtttcttga 780
atcaggctct gctttccccc tagccactac aggcagcctc tgacagggcc gctttacttg 840
cattctgcag caattacatg tgtccttttg atccttgccc aacttcccct cctctcccca 900
gctcctggcc cctggcccag ggccctctt gctgttttta cctctgttcc ttggggccta 960
gtacccagca agcaccacaa tgggggaggt ttgggatga gaggaggaaa cgtgtatacc 1020
tgtaacatct ggtggctctt cccccagaag tttgtgttca tacataattg tttccacgc 1080
tggtacataa tgtgacgtgc agttctgccc tgtgctgggg agccacatga agcttcccct 1140
ggctaacttg ctaccccgca gcaatcccag tgtggctgtc tgcttgctaa aaaatggatc 1200
tgtgtctatc tgtattgatg tcttggagt tctacaagtg gaacttaagt gtcaaaaaga 1260
atatgtggtt tttagctgag cgtgggtggt cacacctgta atcccaggac tttgggaggc 1320
tgaggcagga ggattacaag gtcaggagtt cgggactagc ctgtccaaca tggtgaaacc 1380
ctgtctttac taaaaatgca aaaattattc tgggtgtggt ggcgggcac tgtaatccca 1440
gctatttggg aggtgaggc aggagaatcg tttgaaccg ggaggcggag gttgtagtga 1500
gctgagatct caacactgca ctacagcctg ggcgacagag caagactcc 1549

```

```

<210> 3140
<211> 725
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(726)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (44)...(629)
<223> similar to gi470322 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3140
cccaaccgga aaaagggttaa caccctgtaa atacacaatc tctcctccat ttcaccatcc 60
tctgttttag accatcccca ctgcccatac tataccacca cctgtctac accagcacca 120
ctaccccatg tataccacca ccccgctac ataatccacc cgtgtacacc acaatgttcc 180
ctttgtctgc accgtcctcc tgtctacact ggcaccactg cccagctat accaccaccc 240
cgtctacata atccaccggt gtacaccaca atgtcccctt cgtctgcacc gtcctcctgt 300
ctacactggc accactgccc catctatacc accaccgctc tatacaatcc acccatctgt 360
ctacaccatc gcctctcctc tgtctacacc atccttctgt caacaccggc accactgccg 420
tatctatata caccatcta caccatcacc tcccctgtgt ctacaccatc ctcccatcca 480
caccagcacc accacccac ctacaccatc ccaccatcta cgccattgcc aaatctacac 540
agacgacctc actcccatcc acgccttcac acgcacaccc gtccacacca ccatctcccc 600

```


<210> 3142
 <211> 3263
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(3266)
 <223> similar to gi4731861 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3142

atggacttgt	acagcacc	ggccgctg	ctggacag	tcgtggcc	aaggctgc	60
ccgcggaagg	agttcgtaga	gaaggcgc	cgctcataga	ggccgcct	ccgctgct	120
gagggagcgc	gggggccc	tcggtgct	tgccccgc	gtgctgaaa	ctgtcaagg	180
aggctcctcg	ggccgggg	cagctctcaa	gggtggct	gattctgaac	ttgtcatctt	240
cctcgactgc	ttcaagag	atgtggacca	gagggccc	cgtgcagaga	tcctcagtga	300
gatgcgggca	tcgctgga	cctggtgg	gaacccag	cctggtctga	gactcacgtt	360
tcctgagcag	agcgtgcct	gggccc	gttccgcct	acatccgtag	atcttgagga	420
ctggatggat	gttagcct	tgccctgc	caatgtcct	ggtcaggccg	gctccggcgt	480
caaacc	ccacaagt	actctacc	cctcaacagt	ggctgccaa	ggggcgagca	540
tgcggcctgc	ttcacagag	tgcggagg	ctttgtgaac	attcgccc	ccaagttgaa	600
gaacctaatc	ttgctggtga	agcactgg	ccaccagg	tgccacag	ggttggtgaa	660
ggagacgctg	cccccggt	atgcctgga	attgctgacc	atcttcgc	gggagcagg	720
ctgtaagaag	gatgcttt	gcctaggcga	aggcctccga	actgtcct	gcctgatcca	780
acagcatcag	cacctgtgtg	tttctggac	tgtcaactat	ggcttcgagg	accctgcagt	840
tgggcagttc	ttgcagcg	acgttaag	acccaggcct	gtgatcctg	accagctga	900
ccccacatgg	gacctgggga	atggggcagc	ctggcactgg	gatttgcatg	cccaggaggc	960
agcatcctgc	tatgaccacc	catgctttct	gagggggatg	ggggacccag	tgcagtcttg	1020
gaaggggccg	ggccttccac	gtgctggatg	ctcagggttg	ggccacccca	tccagctaga	1080
ccctaaccag	aagaccctg	aaaaacagca	agagcctcaa	tgctgtgtac	ccaagagcag	1140
ggagcaaacc	tccctcatgc	ccagctcctg	gccccactgg	ggcagccagc	atcgtcccct	1200
ctgtgccggg	aatggccttg	gacctgtctc	agatccccac	caaggagctg	gaccgcttca	1260
tccaggacca	cctgaagccg	agcccccagt	tccaggagca	ggtgaaaaag	gccatcgaca	1320
tcatcttgcg	ctgcctccat	gagaactgtg	ttcacaaggc	ctcaagagtc	agtaaagggg	1380
gctcatttgg	ccggggcaca	gacctaaagg	atggctgtga	tgttgaactc	atcatcttcc	1440
tcaactgctt	cacggactac	aaggaccagg	ggccccgc	cgagagatc	cttgatgaga	1500
tgcgagcgca	gctagaatcc	tggtggcagg	accagggtgc	cagcctgagc	cttcagtttc	1560
ctgagcagaa	tgtgcctgag	gctctgcagt	tccagctgg	gtccacagcc	ctgaagagct	1620
ggacggatgt	tagcctgctg	cctgccttcg	atgctgtggg	gcagctcagt	tctggcacca	1680
aacc	ccaggtctac	tcgaggctcc	tcaccagtgg	ctgccaggag	ggcgagcata	1740
aggcctgctt	cgagagctg	cggagggaact	tcattgaacat	tcgccctgtc	aagctgaaga	1800
acctgattct	gctggtgaag	cactgggtacc	gccagggttg	ggctcagaac	aaaggaaaag	1860
gaccagcccc	tgccctctcg	ccccagcct	atgccctgga	gctcctcacc	atctttgcct	1920
gggagcagg	ctgcaggcag	gattgtttca	acatggccca	aggcttcggg	acgggtgctg	1980
ggctcgtgca	acagcatcag	cagctctgtg	tctactggac	ggtcaactat	agcactgagg	2040
accagccat	gagaatgcac	cttcttggcc	agcttcgaaa	accagacccc	ctggtcctgg	2100
accccgctga	tcccacctgg	aacgtggg	acggtagctg	ggagctgttg	gcccaggaag	2160
cagcagcgct	ggggatgcag	gcctgctttc	tgagtagaga	cgggacatct	gtgcagccct	2220
gggatgtgat	gccagccctc	ctttacaaaa	ccccagctgg	ggaccttgac	aagttcatca	2280
gtgaatttct	ccagcccaac	cgccagttcc	tggcccaggt	gaacaaggcc	gttgatacca	2340
tctgttcatt	tttgaaggaa	aactgcttcc	ggaattctcc	catcaaagtg	atcaagggtg	2400

tcaaggggtgg	ctcttcagcc	aaaggcacag	ctctgcgagg	ccgctcagat	gccgacctcg	2460
tggtgttcct	cagctgcttc	agccagttca	ctgagcaggg	caacaagcgg	gccgagatca	2520
tctccgagat	ccgagcccag	ttggaggcat	gtcaacagga	gcggcagttc	gaggtcaagt	2580
ttgaagtctc	caaatgggag	aatccccgcg	tgctgagctt	ctcactgaca	tcccagacga	2640
tgctggacca	gagtgtggac	tttgatgtgc	tgccagcctt	tgacgcccta	ggccagctgg	2700
tctctggctc	caggcccagc	tctcaagtct	acgtcgacct	catccacagc	tacagcaatg	2760
cgggcgagta	ctccacctgc	ttcacagagc	tacaacggga	cttcatcatc	tctcgcccta	2820
ccaagctgaa	gagcctgata	cggctggtga	agcactggta	ccagcagtgt	accaagatct	2880
ccaaggggag	aggtcccta	ccccacagc	acgggctgga	actcctgact	gtgtatgcct	2940
gggagcaggg	cgggaaggac	tcccagttca	acatggctga	gggcttccgc	acggtcctgg	3000
agctggtcac	ccagtaccgc	cagctctgta	tctactggac	catcaactac	aacgccaaag	3060
acaagactgt	tggagacttc	ctgaaacagc	agcttcagaa	gcccaggcct	atcatcctgg	3120
atccggctga	cccgcaggc	aacctgggac	acaatgcccg	ctgggacctg	ctggccaagg	3180
aagctgcagc	ctgcacatct	gccctgtgct	gcatgggacg	gaatggcatc	cccatccagc	3240
catggccagt	gaaggctgct	gtg				3263

<210> 3143
 <211> 738
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (729)...(38)
 <223> similar to gil80715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3143						
ggggaggcag	gaggaggcta	cagacggtct	caagagggag	gcccagccag	tcccgcggcc	60
cctgacaccc	catcagggcg	ctcaggccca	gcagctccgg	ggaggacgcc	ggcgaggacc	120
ccaccacgtt	tgctgcccac	cctctgccc	gtgacccccg	tctcttgggc	actgtgacca	180
acgcatacct	gggcacacga	gtgtttcacg	acacgctgca	cgtgagcggc	gtgtacaatg	240
gggctggcgg	ggacacgcac	cgggccatgc	tgccccaccc	cctcaacgtc	cggctggaag	300
cccctgcagg	gatgggggag	caactgaccg	agacctttcc	cctggacacc	aacacaggct	360
tctttcttca	caccctggag	ggcccccgct	tccgggcctc	ccagtgcatt	tatgcgcatc	420
gcacgtgccc	ccacgtgctg	gctttccgag	tgtccatcgc	ccgcctggcc	ccggggagcg	480
ggcccatcac	gctgtcctcg	cggtcagcct	tctccccaga	aagcccagac	ctggacctgc	540
atcagggtcc	tgacttccag	ggagcccggg	acctgtatgg	ccacaccctc	acccctgagc	600
agcccggggg	gccacagcaa	gaggtacaca	tgctgtggac	accagcacc	ccagacctga	660
cccttgggga	agctgcgcca	ggccctgcgt	ggctcacact	aaactacctg	ctcagtgecc	720
tgccccggcg	cgcggccg					738

<210> 3144
 <211> 1879
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(979)
 <223> similar to gi3319425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3144

cccgcgctgc	aggaattcgg	cacgagtggc	agcgggtggag	gcggcagcac	aggaggagga	60
ggaggaacag	caggaggagg	aactcaaagt	actgctggcc	ctggagggat	atctcagcac	120
ctgacttaca	catcttacat	cctcaagcaa	actccccagg	gcacattttt	agttggccag	180
ccatcacccc	agacttctgg	aaaacaactc	accactgggt	cagtgggtcca	aggaacactg	240
ggagtgcagc	catcttctgc	acaaggacaa	caaacgctaa	aagtcattctc	tggacagaaa	300
accacattgt	ttacacaggc	agcccatgga	ggacaggcat	ctctaataaa	aatatccgat	360
agcaccttga	agactgtgcc	agccacctca	cagctctcga	agcctggaac	cacaatgctg	420
agagtagcag	gaggggttat	cacaactgcc	acttccccctg	ccgtggccct	ctcagcaaac	480
ggtcctgcac	aacagtctga	aggaatggct	cccgtgtctt	catctacggg	cagttctgta	540
acgaaaactt	ctgggcagca	gcaagtgtgt	gtgagccagg	ccaccgtggg	aacctgcaag	600
gctgccaccc	ccaccgtcgt	cagcgccacg	tccctcgtgc	ctacacccaa	ccccatctct	660
gggaaagcca	cagtatccgg	actgttaaag	attcactcca	gtcagtccag	tccgcagcag	720
gccgtcctga	cgattcccag	ccagctcaaa	ccactcagcg	taaacacatc	tggaggggtg	780
cagacgatcc	tgatgcctgt	gaataaagtg	gttcagtcac	tttctaccag	caagccacct	840
gccattctgc	ctgtagctgc	cccaactcca	gttgtcccca	gctctgctcc	agcagctggt	900
gcaaaagtga	agactgaacc	agaaacacct	ggaccgagtt	gcctctctca	ggaggggtcag	960
acagcagtga	aaacagaaga	aagttctgag	ctgggaaact	atgtcattaa	gatagaccat	1020
ttagaaacta	tccagcaact	cctaactgca	gtagtaaaga	agattccatt	aatcactgca	1080
aaaagtgaag	atgccagctg	cttttctgca	aagtctgtgg	agcagtacta	tggctggaac	1140
attggaaaaa	ggagagccgc	tgagcggcta	agagcaatga	caatgcgaaa	agtcttaca	1200
gaaatcctgg	agaagaatcc	gagatttcac	cacctgactc	ccctcaaaac	caagcacatc	1260
gctcactggg	gccgctgtca	tggctacacc	ccaccggacc	ctgagagcct	gaggaatgac	1320
ggggactcca	tcgaggacgt	gctgacccag	atcgacagcg	agcccagagt	cccatcatca	1380
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gaacccgaga	atgaggagga	ggtggacatc	ctcagcctct	ccgagccagt	gaagataaac	1500
atcaagaagg	agcaggaaga	gaaacaagag	gaagtcaagt	tctacctgcc	accaacccca	1560
gggtctgaat	ttattgggga	tgtcacacag	aagattggga	tcaccctgca	gcccgtggca	1620
ctccacagga	acgtgtatgc	gtccgtgggtg	gaggacatga	tctgaaggc	tacagaacag	1680
ctggtgaatg	atatcctgag	acaggctttg	gcagttggat	accagacagc	ttctcacaac	1740
aggattccca	aagaaattac	agtgaagtaa	attcaccagg	ccatttgcaa	cattcctttt	1800
ctggactctt	ttaccatcaa	acacatggga	atatcttatg	agtgccattg	agcggacttg	1860
ggtgccctgg	ataaccacg					1879

<210> 3145
 <211> 900
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (899)...(581)
 <223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3145
ctaatacgtt gcatgcccgc gtaaaacttg gcccccccag ggatccttta aaacggccgc 60
cccttttttt tttttttttt tctcaaatgt catttattag aaaatacaat tcccagagaaa 120
ggagatacaa gggattcttg gaagtgggaa gtaaacagta cacagatctc tttaaatcag 180
gagcatatag gtcataataa aatgagctac aggcacaaaag ccagtaacac atttatgggc 240
cgttcatctg gaaaagtttc accgcccact cccactcct cttccccctc ctggaagcag 300
ccagctttat ccttggcatt ttaatttttag agaaaattta aacttccatg ctgccctgtg 360
gcttcgggtca atggagcttc tttctccagt tatggaatga gtcagcaaaa cggggagttt 420
ctgatccttg gaattaggga gggacagttt acagaatgtc ctcatctcac tcttttcca 480
atcatgggaa atatccagcc aattctgggt ttaaagattc atatcaaatt caaagtcct 540
ccctcctttt ggcgaggaag acaacccttt agagcgaaac acaaaagagc aaatgtaaaa 600
tccatctggg gcggggcatg gtggctcacg cctgtaatcc cagcactttg ggaggccaag 660
gcaggcagat cacgaggtca agagatcgag accatcctgg ccaacatggg gaaaccccgt 720
ctctactaaa aatacaaaaa ttagcttggc gtggtagcac atgcctgtaa tccccagcta 780
ctcgggaggg tgaggtagga gaatcgcttg aaccggggag gcagattttg cagtgagtcg 840
agatcatgcc actacactcc agcctggcga cagggcgaga ctccgtttcc aaaaaaaaaa 900

<210> 3146

<211> 1432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1413)...(53)

<223> similar to gi5917666 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3146
aaggggcctg gaggatatag ttctggctct gctgggagac acgaggggtca caggcatgga 60
gaatggagat ggagggggag cccggtccgt gggccccaag agccgagccg gacgagggat 120
ggagtgggga gacgcaggag ggcggtgtct agggctgggg aatggagtcg tgtctggcac 180
cccgtgggg actgtattgg aaggcagccc agaatgggca gcggcgagga gtgaacacct 240
ggctgcaggt gacggcctgc aggaaggagg cgaagatggc cccagggaac caaagaggct 300
ttgccgaccc ccgggagagg aggaggtgga ctgggaaccc ctggccaaat tccgagcagc 360
ctgcgggcca gagctggcag acctggtggc tgaggagttg gcctttgcta ggcagcatgg 420
gacccggggg ttccactgga ccggagctgg ctttgccctt aaggacggca cctcggactt 480
cttcctggat ggggccctga cacgctgcag ctgctcaatt cacgccgcc gccgtctgcc 540
ctgcatgaca cctctttgca gcgcgcctcc tcaactggggc tgccttattc cacatggacc 600
tgctcaggga ttgctggggg agagccccag agccctgacc cttcatgcct ctgccacca 660
ccctccacca ggagggtcgg agggcattct tcgatcccaa agataatagg gctgaggcca 720
aggagaccgt tgcagtcccc ctggccacct tctgggtcat ccagggacct cctcatggca 780
gtttgcctct ctgggtccaa gggcaagctg taagtggctc ctgaggctct ggagccacag 840
cttgggaagg tgttgatggg cagggtggat tctgagggtc tccctctgga gaggaagcat 900
gtgatgagag gtgtagacag ggtcaggctg ggacagaagg aaggaaaggg gcagagctgg 960

ggggaggggg	aggaagcgat	catatgggga	gtgtctggca	agagtagact	ggccagtcta	1020
gggagtgcag	cggggagagg	ggaaagggag	aaagtacaga	agacagatga	aggagaggag	1080
gtaagcgaga	aaaaatggaa	aggggagccg	gaaatggagg	agagaggaca	agcaaagaga	1140
cagaaatgaa	gacatgagga	aaagctgggg	gaagcaggag	aggaagggac	gggatgtagg	1200
agggggaaga	aaaatcggag	atgagacaaa	agaaatgtgt	gggagacggg	tagagacgaa	1260
atgcaagggg	cgtgggtttt	gtttttctcc	aagacctgga	gacatcgacc	cccatcgcc	1320
tctgaagaga	gagggagggc	gggcaactgg	ggtcaggaga	gtctccagca	ggggagggga	1380
attgtttgga	ctattgttct	tcaggattgg	aataaaacaa	tcttaatttg	ga	1432

<210> 3147
 <211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(796)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (795)...(665)
 <223> similar to gil88864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3147		
tttttttttt	ggaagatcac cctgctttat tgcctgggcc ttaaggtaat caggggtgtc 60	
cctctccagc	caggacctgg gattccgttt caggagctcg ggctgaacgg ccaccttcct 120	
ggtgggtctg	agccccagtg cctggtgtga aggggcagac gcccatgaca acagccaccc 180	
cgcattgtcc	ggcatgtccc ggcactgtgt gagccacatt tgctgaagtc tgggtcctgg 240	
ccctggcagg	gtgggctggg ctaggagatg acacagcagc agcagctgtg gcagcggcag 300	
aagggggggc	agtggcagca gtggcagcag gggcagcagc agcagtgggt ggcgatgtca 360	
tccccgcgcc	ccacgggcgg agggccagcg taggtcagtc cggcctggcg ctgactgctg 420	
ctgtaggggt	tgccaggctg ctgccaggcc tgctggttct ggatgggggg agccccctgg 480	
ttacccttgg	cgcccttggg ccctgggacc tcggtcggct gcaagagggt ggttggtctt 540	
ggggcacagg	gccccactgg caggggctgc atctccgagg atgaggaaca ggtggaagcc 600	
acctctaact	gctgccccag gtcaggccgc aggtgagccc gggggatgct gatgtgggca 660	
tatgggttct	tgacgacat ctcttggggg tccatggtcc agcctgtggt ggcaacacgg 720	
cagtctgtcc	tctcgggtcc gacgcgtggg tcgtcccggg atttggnnnt ggcaanggtt 780	
tccnaggtgt	caaag	795

<210> 3148
 <211> 805
 <212> DNA
 <213> Homo sapiens

[illegible]

```
<210> 3149
<211> 745
<212> DNA
<213> Homo sapiens
```

<400> 3149						
aacacgattt	cgtccggtgc	gaggccagag	gtggggaagc	catcggacgt	cggcggtgag	66
gatcttctcc	tgaccagca	tcgctcatca	caatgaagaa	ccaagacaaa	aagaacgggg	120
ctgccaaaca	atccaatcca	aaaagcagcc	caggacaacc	ggaagcagga	cccgaggag	180
cccaggagcg	gccagccag	gcggtcctg	cagtagaagc	agaaggtccc	ggcagcagcc	240
aggctcctcg	gaagccggag	ggggctcaag	ccagaacggc	tcagtctggg	gcccttcgtg	300
atgtctctga	ggagctgagc	cgccaactgg	aagacatact	gagcacatac	tgtgtggaca	360
ataaccaggg	gggcccggc	gaggatgggg	cacagggtga	gccggctgaa	cccgaagatg	420
cagagaagtc	ccggacctat	gtggcaagga	atggggagcc	tgaaccaact	ccagtagtca	480

```

atggagagaa ggaaccctcc aagggggatc caaacacaga agagatccgg cagagtgcgc 540
aggtcggaga ccgagaccat cgaaggccac aggagaagaa aaaagccaag ggtttgggga 600
aggagatcac gttgctgatg cagacattga atactctgag taccacagag gagaagctgg 660
ctgctctgtg caagaagtat gctgaactgc tggaggagca ccggaattca cagaagcaga 720
tgaagctcct acagaaaaag cagag                                     745

```

```

<210> 3150
<211> 869
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(870)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (112)...(810)
<223> similar to gil55947 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3150
tttcgtggag acgctacgct ggcgcaagag gtttttttgg aggcgctacg ctggcgtaag 60
aggcggcggg ggaggcgcta cgctggcgta agaggcgggc gtggaggcgc tacgctggcg 120
taagagggtg cggtggagac gtttcgctgg cgtatgaggt ggagggtggag acgttacgct 180
ggcgtaagag gggcacgata caactgcagc tgcaataaac tggtccttat acctgttggg 240
gtctaacca gaagtccaga aaaaagcgga tcatgaattg gatgacgtgt ttgggaagtc 300
tgaccgtccc gctacagtat aagacctgaa aaaacttcgg tatctggaat gtgatattaa 360
ggagaccctt cgcttttttc cttctgtttc tttatttgcc cggacagtta gtgaagattg 420
tgaagtggca ggttacagag ttctaaaagg cactgaagcc gtcattcatt cctatgcatt 480
gcacagagat ccgagatact tcccccaacc cgaggagtgc cagcctgagc gggtcttccc 540
cgagaatgca caagggcgcc atccatatgc ctacgtgccc ttctctgctg gccccaggaa 600
ctgtataggt gttccaagcc attctgattc tccttccacc tactgcaaaa atgtcaaaag 660
tttgcctgta tggaagaaaa gaccattctt tcgtgcatcc tgaggcactt ttggatagaa 720
tccaaccaga aaagagaaga gcttgggtcta gaaggacagt tgattcttcg tccaagtaat 780
ggcatctgga tcaagttgaa gaggagacga aatcgtcgac nnnnnnttcc ggnccgggtnc 840
gtgcnggcgt agcggttctc tatgggagg                                     869

```

```

<210> 3151
<211> 1730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (68)...(18)
 <223> similar to gi3874886 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3151

cggacttccc	gggtcgacta	cagcatcggc	ggcggcggct	agtgccgcta	gcgcctcgag	60
cgatgcacct	cctttccaac	tgggcaaacc	ccgcttccag	cagacgtcct	tctatggccg	120
cttcaggcac	ttcttgata	tcatcgaccc	tcgcacactc	tttgtcactg	agagacgtct	180
cagagaggct	gtgcagctgc	tggaggacta	taagcatggg	accctgcgcc	cgggggtcac	240
caatgaacag	ctctggagtg	cacagaaaat	caagcaggct	attctacatc	cggacaccaa	300
tgagaagatc	ttcatgccat	ttagaatgtc	aggttatatt	ccttttgggg	cgccaattgt	360
agtcggtctt	ctcttgccca	accagacact	ggcatccact	gtcttctggc	agtggctgaa	420
ccagagccac	aatgcctgtg	tcaactatgc	aaaccgcaat	gcgaccaagc	cttcacctgc	480
atccaagttc	atccagggat	acctgggagc	tgtcatcagc	gccgtctcca	ttgctgtggg	540
ccttaatgtc	ctggttcaga	aagccaacaa	gttcacccca	gccacccgcc	ttctcatcca	600
gaggtttgtg	ccgttccctg	ctgtagcaag	tgccaatatc	tgcaatgtgg	tcctgatgag	660
gtacggggag	ctggaggaag	ggattgatgt	cctggacagc	gatggcaacc	tcgtgggctc	720
ctccaagatc	gcagcccgac	acgcctgtct	ggagcacggc	gctgacgcga	gtggtcctgc	780
ccatgcccat	cctggtgcta	cccccgatcg	tcatgtccat	gctggagaag	aaggctctcc	840
tgcaggcacg	cccccggtcg	ctcctccctg	tgcaaagcct	cgtgtgcctg	gcagccttcg	900
gcctggccct	gccgctggcc	atcagcctct	tcccgcgaat	gtcagagatt	gaaacatccc	960
aattagagcc	ggagattagc	ccaggccacg	agcagccgga	cagtgggtgta	caacaagggg	1020
ttgtgagtg	ggtcagcggc	ctggggacgg	agcactgtgc	agccggggag	ctgaggggca	1080
gggccgtaga	ctcacggctg	cacctgcagg	gagcagcacg	ccaacccag	cagtcctggg	1140
ccccctggga	gagtgtctca	cctacagtgg	agggagactg	accattcac	attttaacat	1200
aggcaagagg	agtttctaaca	catttcgtac	aaaaaaataa	tcaagtgcac	ttctgggcct	1260
tatgtgggg	tgtcaaaact	ccactcagca	caattatgtg	tgaagctgaa	aaattgtaga	1320
gtgcccatgg	ggtagaagta	gaatcctttt	atactttggg	tcctttttta	tttttatttt	1380
ttatcagaat	caaactctgag	ccttagtttc	agctgaccag	aagtggcagg	aggacagggtg	1440
gaggcgagcc	agattaggcc	tggagttggg	ctgggttggg	ggccaggctg	gtaaatttag	1500
gatattacaa	tggccagccc	agatggctcc	ctgggctggc	atggggaggg	gagagaaggt	1560
ggtctgcacc	ccacagggat	aactagccat	gactagggtc	ctcaggcagt	ggcccaggga	1620
atcaggggagc	actggaggcc	tctgcaagat	tctgtgggca	gctggctctg	aatgtagcca	1680
gcccacatcc	attccagagc	tgcagaacca	cgccctctga	gtggaagccg		1730

<210> 3152
 <211> 2299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2300)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2241)...(1227)
 <223> similar to gi4324434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 3152
cctaaaagaa caaaaaaaag tgagagaacc attagatact cagtttcctg acagtaacag      60
aagaaaacag gactaagaac attcactaaa gctttcagtg tgggcagtct gtcagtaaaa    120
aggtaagtag tagggtcaga ggtatggcat tccacatacc agctctacca agaataaaaag    180
agcatacgga ctacagaaac ggacgtgtgt ccgtgattaa acttttttggc atcgctgtat    240
taatcccttt tgatgtatat aagttcagta tatgacaaat gtttcagttc ccccccccca    300
aagaatccaa tcacaaccaa gacacacaca caaatcactt ctcagttaca catctgcatt    360
tctttaacaa aacagtaaga gatacaatca tagcgaagag gtcacccgca caatacatta    420
tcagcacact gtctagaaca cctcatttaa agacactcag taaaaacgta ttcacaggac    480
ctgctgtgaa tggcaagata tggtaatttt ataatagaag aactctgctc atgcagtact    540
ctccacacac cagacgtcgg aaatcacagc cacatcatca ccttgctcac acttccctat    600
tatactagat atgcaaaaaag ccaaaaaaaag cagcttttaa cattatatca ttatatcaca    660
attttgaaac atgggaaaaaa ataaaaaaaca aaaccattg tgtggataaa atggtctccg    720
tgacattgag cagagtgtta tctttttttt tttttacatt attgcacaga gatttctcat    780
caatgttctt cagtttttat gtcttttcct aaatgtgaat aagtgtctatg gataaaatac    840
aaatgtagaa aataacagca gcatgatttg tcaaagttaa tccctataat ttagtaagaa    900
aaaatggata taaacaaaat aagtgtctct tctaaactgt actaaatttt ccaaaaatat    960
tggtttttaa tggcagtgaa ggtcctgaaa agcctattga aagcgatgct gagtccctgg    1020
tttcaaaagt gtcctgggtt ggggtttcct tgggaagag cagaatttca aggtgaagta    1080
atccgacgga ctaaaatttaa aacaaaacag cctcggctt cccctaattg ggctgtgaa    1140
gggcaaccgg cttccgggga nccctggacc tgggaggcca gccgagtggg tgggggggtgc    1200
ctggccccc a tctacacgta cacaggtcgg cagccttcag tctgatccac cagatcagag    1260
ctttctaaat ctgagctctc agcctgtgaa gcttctgctc ctgaaggctt tgggcatcga    1320
aaggggtagc cattgtcatc aaagaacctt cggaagggtga attcgtaaaa tgcgtgctca    1380
ggatgcttgt tattgggcga ggtgagtggtg tcccaggcct tgggtgctaac cttcgctggc    1440
atcgttccaa gggcttttct catctacggg gtcgaaattc gaggtgtcca tgggggtggc    1500
gatggtggga acgtaggggg ctggctgctt ccggatgtca ctggagaagt caatggcgct    1560
gaagaagggg tgggccttca ggtcatcggc cccattccgc cccaggcggg ggtctgcgga    1620
gcagcacagc ttggtgatga ggtccctggc ctcagggtc agctteacct gggctggaat    1680
gtggagcgtg ttctccaggt tgatcacctt cagctgggtt tctgtgggag taggtgccaa    1740
aaagggcggc tgccccacca gcatctcgaa gagaatcact ccaacactcc accagtcaca    1800
gagttgagtg taccctttgc ggaggagcac ctcgggtgcg atgtagtttg gagtccccac    1860
cagtgaatgt gccaggcacc tctggtgctg cttccgcgcc ctctgctcta gggctctcag    1920
cctctcccca caccgacagt tagacacatc atccagagg tcgctgggct ccatgctgtc    1980
ctgtctgaca tggctccctt tctggttaata tttggaattg tgagtccacc tgaaccagt    2040
gcagaggccg aaatctgtga gtttaatgtg accatccaga tctatcaaaa tgttatcagg    2100
cttgatgtct cgggtgatga agcccatctt gtggacactc tcaatggcca aagtcagctc    2160
tgcatgtag aaccggccca ggtgctcagg gaagacctcc atccggatca gcaggctcat    2220
catgtcccca ccagggatgc ggacgcgggg tcgcccgggn ttccgnccgt gccagcatth    2280
cgggacctct tagcggccg                                2299

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<210> 3153
<211> 891
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (209)...(723)

```

<223> similar to gi5732634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3153

tttcgtaagg	cccagggggt	gtctgtcagt	gggacgacct	tgtttcccct	ccacgtctcc	60
tctcatactt	caaattactt	ctcctatgca	tttgagagc	gggagagaaa	aacaccagga	120
aggaggagg	aacaaagaaa	ctctacaggc	agagacacag	gactgagccg	cgttgggggc	180
actgggagga	gtgagccttg	gggttgccac	ctcggagccc	cactgtcctg	ggagcagcct	240
tcagaaccac	ccttttggtc	tctgaagtac	caggcggtca	gcttttccaa	ggactggcag	300
ctgcacatct	ttgtccctgc	cccttccatc	tctaggctca	gccccgctgg	gcaggctggc	360
ccactcccca	ccoctgcccc	gggccaaccc	ctacttcccc	tgccccctct	gccacctgc	420
agcacactgg	agccttgccg	gccctctctg	catcattcaa	gatgcagact	cctacacttt	480
gacctgcaca	catcctcctg	aagcttccac	ttcctggccc	ctgcctggct	tctcacctcc	540
cccacctcag	ccccccagg	gatgtgccgc	ctctcccagt	ggcccaggac	atcctccact	600
tcccgggaac	cccaggcact	tccacatcct	cagacacagt	gagaagatga	ccctctctcc	660
aagccaggaa	gagacctccc	gaggagccca	gccagccagc	acgctgacct	ccaacgtcca	720
gcctctggaa	atgtgagagg	ccaacgtctg	cgttgggagc	cacgtggtcc	cgtaggatct	780
ggcctggcgc	taaagccgct	gcgctcctgc	cccgcaccag	gatgtgggaa	ctttgagaac	840
cgctgagagt	cgagagatgt	catcgaaacg	acaccgcata	cgtagttccct	g	891

<210> 3154

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(763)

<223> similar to gi556217 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3154

tttcgtagga	tgcccagcca	gccgagctcc	gggcagtacc	cgccctccac	ggtcaacatg	60
gggcagtatt	acaagccaga	acagtttaat	ggacaaaata	acacgttctc	gggaagcagc	120
tacagtaact	acagccagg	gaatgtcaac	aggcctccca	ggccggttgc	tgtggcaaat	180
tacccccact	cacctgttcc	agggaacccc	acacccccca	tgacccctgg	gagcagcatc	240
cctccatacc	tgtccccccg	ccaagacgtc	aaaccaccct	tcccgcctga	catcaagcca	300
aatatgagcg	ctctgccacc	acccccagcc	aaccacaatg	acgagctgcg	gctcacattc	360
cctgtgcggg	atggcggtgt	gctggagccc	ttccgcctgg	agcacaacct	ggcggtcagc	420
aaccatgtgt	tccacctgcg	gccacgggtc	caccagacgc	tgatgtggag	gtctgacctg	480
gagctgcagt	tcaagtgtca	ccaccacgag	gaccggcaga	tgaacaccaa	ctggcccgcc	540
tcggtgcagg	tcagcgtgaa	cgccacgccc	ctcaccattg	agcgcggcga	caacaagacc	600
tcccacaagc	ccctgcacct	gaagcacgtg	tgccagccgg	gccgcaacac	catccagatc	660
accgtcacgg	cctgctgctg	ctcccacctc	ttcgtgctgc	agctggtaca	ccggccctcc	720
gtccgctctg	tgctgcaagg	actcctcaag	aagcgctctc	tgcccgacga	gcactgta	778

<210> 3155
 <211> 1176
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1060)...(362)
 <223> similar to gi775239 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3155
 cttgcgggtg agggaggccc aataacagcc agactccatc agttcagagg caggggctag 60
 agatggattt aattcaactt aaaaagaaat acaagaatgg accttttctg cagtcctgag 120
 ggagtggaca ggttgcgtgc gtgctctgac ggtgggatcc agaccccctc ctctcctgcg 180
 ttgaaggtgc caccgggcct catccccagc cacatcacat cctgagcctc ttacaggcag 240
 gccccgaggt cctttcacct ttctcttctc tccagtgtt ggtgcatttt caaactcagt 300
 acctttcttt tgaataaatg agcaagaata aacccgggtgc tgcttgccga gctcctctcc 360
 ctgggcgggg aactaaagca aaaccacgct ggatgggggc ccaaacaccc taagaaggcc 420
 gagtcctgc cgctctccag cagcgcacc gaagaccgga gggagggtct gtcgctctcc 480
 tgcaggagca cgagtggagg gagggcctgc ggcgctccag caggagcatg aggagtggag 540
 ggagggcctg tcaactctcca gcacgcacac cgaggagtgg agggagagcc tgcgctctc 600
 cagcagaagc accaaggatt ggagggaggg cctgtcgctc tccagcagga gcacgaggag 660
 tggactgccg gcccgctact ctccagcacg tgcaccacgg agtggagaga gaggcctgtca 720
 ctccagaagg agcaccagga gtggactgcg gacccgtcac tatccagcac gtgcaccaag 780
 gagtggaggg agggccctt gctctccagc aaaagcacca aggatcggaa gtagggcctg 840
 tcgctctcca gcacgtcccc ccccggcagt ggagggaggg cccgtcgctc tccagcatga 900
 gcaccagag atggaggaag ggtcagccat ttgtcaggct ctgcgtgtga aaagctggga 960
 tttcatttct tatcagttat tactgtcact atcactcagg atgaaattgg cctcaccgcg 1020
 tcaagaacaa tgctgccttc tccctgtcct cctcctggat tggtaggaa aaagccagac 1080
 taacctgttc cacaccttgg catcagttgc ataaatgcta tctcagcatg ttctagaaca 1140
 cagtactgtt taaacaacgt tctgggggta accaag 1176

<210> 3156
 <211> 1867
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1686)...(1277)
 <223> similar to gi3878306 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3156
ataatagaaa catgtttaat tatggagagt aaaacagaaa cgagaaaaaa caggtatcat      60
ccatgtatatt tatattcttt tctagaacaa ccaatcttta ttagaaagtt gtagtcacgt     120
ttacaataaa tatcaacaat ataatgaaaa agtagaacaa attagtttcc aaatactgaa     180
ctcctgtaac caaaacacat ttttggattt gggaaaacac agtaaacaca taccaaaaac     240
acagccacaa ataccaaaaa caaaaaccag ctcaagtata ggattgaact ggctggaaaa     300
cacttattgt gttactgcct taagaacccc acggagcacc ttgtagctca ttaactgcac     360
attttcctta ggggggaaac aaggtcctct ctcaagtcaca tatgcataag gaaatctcaa     420
aacccaaagg ccatcaggtg gaaggggtgat ttcttgTTTT tctgggtaga ataccggaca     480
tgggtgggtgg cctggctgaa cctgaggcat tagtattatc tggcaaagga ggcatcagga     540
accacaacaa aaagcctcat aagttggagc gtaatgaggg ttttcagccc ttctaccttg     600
agaggatgac agaatatata agggcatgtc actatTTtagg gcttttaaag ctgattcctt     660
tggcccatct cccattactt tcattacttt gtcaggccca gagcacatga atctccgacc     720
tcgagagtct tcatattcaa agcccacaaa agctcgagct atgtcatctc gccgtcttcc     780
tcttcccatt acaaccgcac ttctctttcc aggaatagct ttatttggag caggccaaga     840
gtttgtgtct aagtctcctt catcttcagc tctagtcctg atgacaatgt cccaaggcat     900
aagataatTT gttcctggaa taaagccctg ttggtccaaa cctgtatgaa agttataaga     960
cttagcaggg cctagtTTaa ccaaagacca gctggagaat ttgggtagga gacctttagg    1020
gcaatttgaa tgtagcatgc ctgggagata ctcaactgtg gatgcctgtc gatcaacgaa    1080
gtttggcctc ttctcagttt tcacttctac ttgaccatga acttctggat tatctcctcc    1140
tgcttgtgga tcagctggat aggtacctaa gctatctgtg gattggccca aactcaaagc    1200
taaactcagg ctctgtgctct ctcttgggt ttgaggttct ttttctTTaa gtttatcagc    1260
atccgaatct ggaggagcag gagaggattc atttttagca ggagcaggat ctggagtact    1320
tggttcaaat actgggaaat tgatatgatc caatTTTcca caacactTTt ctccagaag    1380
ctgatagaag tcataattgg ctgctttgat atcaaaggga tcatctcgag gtgcttgttt    1440
ccttccacag ttgcaagcac cagtagatcg agctcggcta ttgtgatata gcacaggcgg    1500
atttctatca gcctctggtt tttctcctga tttaggtaat gagtgaatTT tgtgcacaca    1560
gtgttgatca gTTaaactcc tctcctcaca gagctgatgg ccattgctcc aaaatttgta    1620
gcagtcctca tGtaactgca tggcgtatTT gtgaaatgct ggacctatag catgttgact    1680
gtacactcga agagcctggg caagctgatt cttatggaca gtcattgtgt aattatgagg    1740
caaatttgac tggtaggcac tgtgggccat gggtaaagct ttttggcatc ggttttctga    1800
aaattttggg tcaatataca aaaatctttc caagacttta atactgctta aaatcttaca    1860
tgtttagc

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```

<210> 3157
<211> 1264
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(635)
<223> similar to gi4567179 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3157
aacgtggaaa ggccttttatt cgtagaggga atcttaaaga acatctgaaa attcattctg      60
gtttaaaacc ctatgactgt aaagaatgtg ggaagtcctt tagtcggcgt gggcagttca     120
ctgaacatca gaaaattcat acgggtgtaa aaccatacaa atgtaaagaa tgtgggaagg     180
ccttttagtc tagtgtagac cttagaatac atcaaagaat tcatactggt gagaaaccct     240

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atgagtgtaa	acaatgtggg	aaggccttta	gacttaattc	acaccttact	gaacatcaga	300
gaattcacac	tgggtgagaaa	ccctatgagt	gtaaggtatg	tagaaaggcc	tttagacaat	360
attcacatct	ttatcaacat	cagaaaactc	ataatgtaat	ttaatataag	aaaagggttc	420
catgtcatgc	tctatttata	gaatatcaaa	atattttatg	ccagaagttc	tgtcaatgtg	480
ttgatgtttt	tttacacata	ttaacttaat	aaatgtatga	gtcttaaata	cctcttagtt	540
ctcattaaat	ttaggaaaaat	tcacactaga	aaataaagct	gttaatgtaa	cagttgtgga	600
aaagtgttct	agcaacagca	tatacttatc	atcattgcct	ttccactact	ctactatctg	660
tgtgatatta	gacaaaatat	ttgcttcttg	gtacctcagc	tgtaaaatga	aacacacctt	720
aaagtgtggt	tgtttccaac	atgtataata	cagcaacaac	tatctggccc	caaacctgct	780
ttggattaat	attggatatt	tactgttttt	attatcatcc	aacattatta	ttagtggatt	840
tcttaaatag	gaagatgcca	atggagatga	caaatttgga	aaaaccctac	catcacttac	900
catttccatg	aagtactttc	ttttgataaa	aatctgttat	gggcctgaat	gtttgtgttc	960
cccgtaacaa	ttccctatgt	tgaaaacacg	aatcccaagg	tgatgggtatt	tgaaggtagg	1020
gccttttagga	ggaaattagg	tcatgagggg	tggagccttc	atgagtggga	attactgcct	1080
ttataaggaa	gaagccaaag	agccagctag	ctcttttcaa	ccacatgagg	ttacagcaag	1140
aagtcagcag	tctacagtgc	aaaagagggc	cttcaccaga	acccaagcat	gctggcacct	1200
tgaccttgga	ctttcagcct	ccaaaactgt	gagaaaataaa	cctcagttgt	ttataaaaaa	1260
aaaa						1264

<210> 3158
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (56)...(439)
 <223> similar to gil019435 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3158						
ttttcgggta	tgatggcgag	gaaagccgct	ggtgggcttg	gagggtcatca	aaaaaaccac	60
ccatccccct	accactacca	tgcagcccac	cactactacg	acgcccctgc	ctaccactac	120
aaccccgagg	cccaccactg	ccaccacccg	ccgcacgacc	accaggcgctc	caacaaccac	180
agtccgaacc	actacgcgga	caaccaccac	caccaccccc	aaaccaccca	ctcccatccc	240
cacctgtccc	cctgggacct	tggaacggca	cgacgatgat	ggcaacctga	taatgagctc	300
caatgggatc	ccagagtgtc	acgctgaaga	agatgagttc	tcaggcttgg	agactgacac	360
tgcagtacct	acggaagagg	cctacgttat	atatgatgaa	gattatgaat	ttgagacgtc	420
aaggccacca	accaccactg	agccttcgac	cactgctacc	acaccgaggg	tgatcccaga	480
ggaaggcgcc	atcagttcct	ttcctgaaga	agaatttgat	ctggctggaa	ggaaacgatt	540
tgttgctcct	tacgtgacgt	acctaataaa	agacccatca	gccccgtgct	ctctgactga	600
tgcactggat	cacttccaag	tggacagcct	ggatgaaatc	atccccaatg	acctgaagaa	660
gagtgatctg	cctccccagc	atgctccccg	caacattcac	cgtgggttgg	ccgtgggaag	720
gtttgccact	tcattttgtt	cattgtggga	ttggggacaa	aggccacccc	aggagatgtg	780
ggcacaggct	acttgatta	cagtgcattc	tatgaagact	g		821

<210> 3159
 <211> 1453
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1286)...(851)
 <223> similar to gil938464 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3159
 aaataaaaaat ttctgtgttt gaggtatcac tgtaagacat gccaatatgg cacatttgta 60
 aaacaaccca ggagtctatt ctaaaaaatca caaccaactc agcatcatct ctgcagactt 120
 actaacaggc tgaactaatc tctttataca agaagtattt taattattac aaaaacaaag 180
 gaggcacgta ctaaaaattc tgcattttcat agaagagtaa aactttgtta gagataattt 240
 catgatcatc tacctgcaga caccattcat ttaaaaagtc ctagtcaaga ccattaagca 300
 gctgcatctt ctacaacatt gaaaaaaaaat ccctagagat ttaaaaaact gaagaatttc 360
 actatcttta aaagatatta tatttttagta cataaagcta ttaaatttct ctgtgtcaag 420
 agcaaaacat taccctttac cttgcttcat cattggaagg tggacacctg atccagcaat 480
 actcattaac tgctaggttag atgacccatg ttgatggcag taaagccatt ttacaatgaa 540
 cttatgaagt agtaacacta gccaaacaca cagagacaca aataccaaaa atgatgtgtt 600
 tagtatacac aaatagctat acttggggca tggctatcaa gtaacaagac tgatttaata 660
 ctttacagtt acagcacatt aaaaatatat tgccagaggg ataatggtcc caaatacgaa 720
 aaatgtctat atggaaaagg ctgtgattta ttgcaaagca taatatatag caaattccaa 780
 ggaaggggcaa acacgtttta aaaacaaatt tttaaattta acgggcttaa gccaaagtct 840
 cagttacttt ctggagaatt cagaactatt aggtgtagaa gaatgctttt ccttttttct 900
 cttctttttt tccttttttg gatgtttccc tttttttgat ttactctttt tttctttttt 960
 cttttctttc ttctgatatt tttgtttctt ttgttttgaa gtgtcctctt cagtggaaact 1020
 ggatgagtaa gaccttttcc tttttttttt tcaatttgat tttttctttg cttttttctt 1080
 ttttcttttc ctcttcttca tttattcttt tttcctgtaa tgcctgcaat ttattcagtt 1140
 cttcattctc ttcatcgcta tcttcactac ttgtactgct gacatccaaa actatgtccc 1200
 ttttaggggtc tactcggaga aaattgcggc attcaaaagt cagggtgacca gggtagccac 1260
 attttttaca gcctgctctg acactgtcct tgttgcaacc tgggactgcc atgacggtgg 1320
 taagaggggt aactcgagcc tctggctttc gaaaaggcgc ttgcttcccg ccagctgtga 1380
 gaacaaggca cagtcaaagc ggcgttttcc ttccccagc gcagcagcac cctcgctacg 1440
 gtcgcgtacg cgt 1453

<210> 3160
 <211> 2530
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2521)...(1701)
 <223> similar to gi4007865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3160
tttttttttt ttgaaactcc aatatcttaa taatgcaaac atatttggat tgaagaatga      60
atgcatcaat gctaaagaat agcttacata tgttgtaaag caacaagcat atcttcaaga    120
agtgaagtcct cctcaatatg actccatgct tattctacat gcctgaaaac tgggcccaca    180
cacaggggca cacgtacacg cacacaaacg cagatacgga cacacagata tgcagaccga    240
aatgctgaca ccatcgctct ctagattgga ttagctctca tttaaggctt cttaggtgcc    300
gcagtgtccc taatattacc aggattgaaa acagactttt aggaaggagc agcattactt    360
cgaaaagtag tcatctgctc ttgtcctcca atgtgtgtat tttaacaaat acaatttcat    420
tctatgttga ctctgtgttt ataatattta aagaaccatg aaattaagaa atctcaggat    480
tgtttttagtg agaacttccc attcaaaata aaaaaaaagg gcaattctga ccctaagata    540
tcatcaattt tatgataacg caataagatt tccctttagg ttaagatgtc atgggtctct    600
agaccaagcc aagtttatct aactcattct gtatcttaag gtgcaatgct gagtgtggg    660
ggcaagggtt cctcgggtgat accaaatcag atttgaagct tgccatcaag gatgcacag    720
acaggaccat taattaaata agttaccata aatctcagct ggataaaaagg agagttgaca    780
tagagtgtgt tcaactgtctg atcacttatt cctctttgcc aaggcttctg ttgttggggt    840
tgttgtttta aactcctggt ttgtttgact gtttatttta tttgcttgat tgttttcttc    900
cttttggtgt cctgcaacat atgctgagat ttcacccctc taaggatgtt agaaggggaa    960
agaggggtgga cagggcagca ggagggaaaag ggaaggggtc attagtaatt gcaagtattc   1020
taagaaaata gatgaagtga atacaataag aggtactac ttggtatatt tatgtaaata   1080
aaagcattat ctgtaactgt gaattaactg ccaactatca gggtgttagt tgtaaagctc   1140
aataaaaggct gtgctgattt gcatacagag gagggcatct gccgtgggag aggaacagag   1200
ggccctcccg agatgttcct tcctccctgc ggccagcgtc cccatcagca ccctgcccac   1260
cccactagag atcccatagg tgcccctaac attcttgtgg aatttcataa ggcagatcgg   1320
aatggcccat ccaataacag ctgcagagta tttgcctgag cgtggtgaaa actggcatgg   1380
agctctccca cagagaggca ttgggaaatg agaaaaataa gaagagagcc tagaaccttc   1440
caccccatcc aactcccac cctcctcaca gtcacagcag cagcaggttt caatgtaacg   1500
taattacttt aatgatacat ttcttttagat ttagaattgc tcttctgaat ttaaaaacct   1560
tggtcagcca atagtttggc agtcttttca tcccaaattt gaaacgttgc ttactcatct   1620
attcccttga actccgtgac caatgctgcc tttgctgaag cgtctcaagt tcattcagcc   1680
atcatcggat tccaattcct gggaaacctc ttcggaggag ctgttgctgt ggatccgccc   1740
gtcgtctctc atactgtgga aagtcttcct gaaggcctcc atcatggcgt gggccagttt   1800
cttggcctcg agcttgcctc cgcactccac ggcggtggcag tccatctggt aggacaggtc   1860
atcattgatc tccctgtaga cccaggcgaa gatgttgggg ctcacggtgt ggtcggcggt   1920
gcagtaggcg atgcgggcca cctggaaggc atccatgtgc actgtggcct cccctttgtg   1980
gtcgagatga tggagccaaa cttggaatgg ccgatttcc aggagggcat tggccggaaa   2040
gacatcctct cgggctagcg tgtgcttctt ccagagctca atgactggct tttctgtgca   2100
gcctgacaaa aactgcatgc cagtgggtgg gactttgccc aggtaggtaa ccttgcagcc   2160
actgtgagtc cttgtcttca tcagcggtgt ggtcgtgcac agctcaatgg cctccggctc   2220
atggaagatg accgctggga gaggttcctt tttcagtgtt aagacattca atttagactt   2280
cagcatggtc tgaaagtgtc gcaggcgctc cgtggccggc tgccacatct tccagccctg   2340
ggttttggca gaggagacgc tggcgagact gtcgatcgcg ccggggggcg aggggctggg   2400
gtcccgtttt acatctgggg tcggtgtccg cgggatgtgc gtcctggcgc tggccaccgc   2460
cgccgggtgg gcgtaggggg ctgcgagcag gaggaggcgc ggcgctcagc tgccggcaac   2520
ttgtacgaaa

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```

<210> 3161
<211> 1214
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1202)...(218)
 <223> similar to gil216486 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3161

ttttattaca	aagaactgta	tcaaaatata	caagtctggt	taagaacaac	caagaaatgc	60
agctgtttta	gggacaaatg	agaatcaacc	gttagagagc	aggcagcctc	tccccgccgc	120
tgtccactgc	aggagacggc	atcctcaggg	ccacattttc	cacgggacat	ccttctgaat	180
aatttaaagg	gtaagtccgg	cacattacag	gtcttcgcgg	gagggcagct	gtgtcgggct	240
ttctccttct	gtggcttcag	cctctgccgg	cggcacacag	gcaccttccg	tttcttcgaa	300
gccgtcagga	cacacacaga	cgtagctccc	tggagtattg	tagcagtttt	cgtttttcct	360
cacacagggt	ttttctgcta	gtgagcactc	gtccacatct	gcacactgtc	cgtgctccct	420
cgcgtagcca	gagatacact	ctttacagtt	tcctgggcct	tcccctgtgc	agcccacaca	480
gctggagtca	cactcttcgc	acgtgtagga	gccgttggcg	ttcttacaga	actgcgcagc	540
gctgcaggga	ggcggctcgg	ccgcacactc	gtccacatcc	acacaggcgc	cctcgtccag	600
cacccagccc	acttcacact	cgccgcagtc	tctgttggtc	aggcccgagc	acgtcttgca	660
ggactcgtca	caggctgtgc	agatgctgtg	ggtctcgttc	cggagcgagc	tgaagtagcc	720
gtccatgcag	tcagtgcaca	gcgggcccctg	gtaccccatg	tggcacccggc	aggacccgtc	780
gccctgtctg	ctcccatctc	cgtcgcagtg	gccattcccg	ctgcaggggc	tctgggatcc	840
gccctggcat	gcgagacagt	cgggaccgta	ggttccctgga	gagcagcaca	ctttcagtgt	900
cttcacacaa	aaccactcga	ataagtcagg	atattcgctc	ttcagctgca	gccaccaggc	960
ctccagggtg	tcctcctgcg	cctctagcat	ctgattgcat	tcgaagtcgc	tgctctcgca	1020
cagcccctcc	aggatctcca	gcaggcgaat	ctcgctggac	tcgtacttgg	acagcgtctt	1080
ttcctcccaa	gccgtgttcc	cgccgccaaa	gttcttcttt	gcggtgtcca	ccatcccctg	1140
gttaaacttg	tccaccagcc	cccggcaccg	gtggcagggc	gtcggcttct	tggcggcctc	1200
cggcgcggag	gaaa					1214

<210> 3162

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1073)...(304)

<223> similar to gi5853113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3162

ttttttttgt	gatgcagcat	cagggtgcttt	taaatcagat	taattcacaa	taagtgatat	60
tgcaaagggg	ctgggggctg	tacatgggca	ggggcttggg	gagctttgta	catggggctg	120
ggaaacaagg	gaccctccag	gtggaagggg	attttttaat	aaaaaaaaata	atggagctac	180
aaccaccccc	tccccctcc	ccgattaaaa	agacacaaaa	atagacgtct	ctgaggtaaa	240
cggggagcct	ggggcttaag	ggtgttttaa	gggcttcaca	ggtgccagag	cttagagggtg	300
tcacaggcac	cgggggtggc	cctgcatcag	ttggtagaac	agcacgtagc	cctcgctgga	360
tgccacctgg	ttttcactga	caggggagac	acgagagtca	ttgtagacat	gccaaccagt	420

ctggcaccgg	cacagggctg	tgtagtggcc	atagtggacg	ctgcctgagt	ggttgcaaag	480
ggcatacagc	tggtatacag	gacttccggc	tttgtcactg	gcaaagtccc	ctaggctcag	540
tcgctgcagt	ggaaagtcta	cacctactga	actttttttg	atggagcctc	gggaggcaga	600
aaatcgattc	agatggagca	cgaggattcg	agggaaatctt	tgtactgtca	actttttggt	660
acttcgagtt	ttctgccgac	atcggtcaca	cactggggca	ttctccgact	ctagctcttc	720
ttccttagtg	aaaagggtga	aacaatcccc	cagagacacc	ttgccccag	caaatccttt	780
cttggggaaa	aggggaagaa	aggtcaacat	gttctgaatt	tccttttcca	actcttctca	840
atcaatccag	gcttcagttc	tgctccagaa	acccacaggg	ttcccgccca	caactctggg	900
gtgggtaggc	ttgggtcaca	gagccccgt	cctgtccacc	ccggaatcct	ctggaatccc	960
accttgggga	tgggcaggga	caggtcacaa	aaaacctcga	aggtcgtgga	gcgataccca	1020
caggcctggc	acttgagaca	acttttcaac	tggcccacaa	acaggtctag	acagaagcac	1080
agggacagga	gaaaagggtca	ttgttggtatg	ttatgagatg	atttcttgga	tttccatctc	1140
ttcctgcccc	tttgcttgac	ccttcctttc	ccactaccaa	cactccta	caactcttca	1200
cacagcttca	catttgcata	atccagtctt	gttccc			1236

<210> 3163
 <211> 1330
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1274)...(421)
 <223> similar to gil389694 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3163		
tttttttttt	ttggctatag agcatttatt gcaaacaaaa ttgaggtaaa agaagctgac 60	
ccagaaccca	cgcccgcca ggctggggaa gtctctactc gccccacacc agggcccag 120	
caccgcgggc	ccgaagcagc cccagagga cagacgggcc ctgcgcaactg aggtagctgc 180	
atcttaagcc	cccatgagta caactgcca gggctgcca attcccagag gggaggagga 240	
gagagaggca	ggcaggggga gccccggctt caggtggggg cacacccac accctcaaca 300	
aacctcccag	cctctcgggc tgggcacttc ctgcctggcc acccagccag ccatggggca 360	
gcgggggtgg	caccagaggc gggcggtgctg ggggtgcgagg tcaactgctgc tccaggcagt 420	
cctcggtcac	cccctgggca gccagctcag ccagcacgtt ctgcaggtag ttggggtcgg 480	
gatagccgtg	gcccgtaatg ttgcgggtcca tctctgtctt gtgggtggatc tctgtccata 540	
ccacggtgtc	cgtctcaccg gtggtgcttg acgtgccccca ctgtgaagat gagccgcctt 600	
cttccaggcc	caccttcagg agctcttaag gactttgcgg gccctgggag ttgtctggaa 660	
ggtagcactg	ggcggggaaa cctctggga gtgaaacggc tttccgggat tgggggtgctc 720	
agggccctgg	ataccatggg gaatgctgta aactatgagg atgggtcccgc agtcctcgtg 780	
gccggggagc	gacatctgga accgtaatac ctccatcttt ccctggggct gggccccgt 840	
cttctctcca	tagatggttt tgcaggaggg acactgcaga cttccatcct tattgccgtt 900	
gcagtacatg	gccaggaggc acagcagggtg gaaggcatgg ctgcacttgg tgagggtggc 960	
cacagctagg	gacccgattg ccttgctgtc agtcacatcg ctgtatccag acgctgtgga 1020	
cagcttctcc	atgcagatga tgcagtcctc atctgggggc actttcagct cttccgtgta 1080	
gttttttatg	acctgctctg gctctggctc tggcttcggg gtcgcttctg cgagcgctg 1140	
ctggactctg	ctgggctttg gcatctgcat gggcacagtg gcagggacgc tccctgggct 1200	
gcttgaggga	ccgctgggga gggaggcact gactgcaccg gaggtggagg atcctggggg 1260	
cagggtgctg	ggtcccaggt gggagaggct ggagcggtag aggggctggc tccccaggga 1320	
aggaggagct		1330

<210> 3164
 <211> 1673
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (245)...(1322)
 <223> similar to gi2351568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3164

aaaggaaagt	ggaagttgga	ttctgaaaga	tcgaggtgcc	cataggaatt	ttatggtcgt	60
cggattttga	agacttgaac	tagactgggg	gttctccttg	catttcttgc	ctgttgcccta	120
tctttgtcct	ctctcttccg	gcttcgagat	gaatgtgcag	ccctgttcta	ggtgtgggta	180
tggggtttat	cctgccgaga	agatcagctg	tatagatcag	atatggcata	aagcctgttt	240
tctctacaga	catgactttg	tgaaggagcg	agggaaactc	atagggcccc	agagtgttaag	300
agacgacccc	cggatccagc	actgccggcg	catggggccag	ctgcagagcg	agcttcagta	360
caggaggggg	gcgaccagca	gccaaagccc	gttccatctg	cccatggaca	tgggtgcacct	420
ggtccatgcc	aagaatgccc	aggctctggc	cagcgaccac	gactacagga	cacagtatca	480
caagttcaca	gcactgcccc	aggacctgaa	gatggcctgg	gccaaagaaag	cccatgccct	540
gcagagtga	ttgcgctaca	agtcagacct	gatcggcatg	aagggcatag	gatggctggc	600
gctgagatcc	ccacagatgg	agagtgcata	gaaggctgga	gaactcatca	gcgagaccaa	660
gtaccgtaaa	aaaccagaca	gtatcaagtt	caccacagtg	gttgactccc	cagacctggt	720
tcatgccaa	aacagctata	tgcactgcaa	tgagcgcatg	tatagatctg	gagatgcaga	780
atccctgcac	agatacacc	tgatccccga	ccatcccgat	ttcacccgag	ctcgccctcaa	840
tgcgctgcat	ctgagtga	aagtctacag	aaactcctgg	gagcagaccc	gggctggcag	900
ttatgacttc	aggctggatg	ccatccccct	ccagacttgc	ccgggcatct	tagggaattg	960
ccagtgaatt	ccggtacaaa	gaggctttcc	tgcgggaccg	aggcctgcag	atcgggtacc	1020
gcagtgtcga	cgatgaccca	aggatgaagc	atttccctcaa	cgttggcagg	ctccagagtg	1080
acaatgagta	caagaaggac	tttgccaaga	gtcgggtccca	gtttcacagc	agcacagacc	1140
agcccggcct	ccttcaggcc	aagaggagcc	agcagctggc	cagtgatgtg	cactacaggc	1200
agcccctgcc	ccagcccacc	tgcgaccggg	agcagctggg	cctcaggcat	gctcagaagg	1260
cccaccagct	gcagagtga	gtcaagtata	aatcagactt	gaacctgacc	agaggtgttg	1320
gctggacccc	tcctggctcc	tacaaagtgg	aatgggctcg	gcgggctgcg	gaactggcca	1380
acgcaagggg	cctgggtctc	cagggagctt	accggggggc	agaagcagtg	gaggctggag	1440
atcatcagag	tggggagggtg	aaccagatg	ccactgagat	tctgcacgtc	aaaaagaaga	1500
aggccctgct	gttgtgagcc	atgtccacc	tgattcctga	gaggccagag	aggaagtttg	1560
ttcaccagag	acaggcttca	gatggctttg	atttcggcaa	gctggaatgg	cccaccagcc	1620
catccagat	cttcctttat	taaaataata	actctgaaag	cagaaaaaaaa	aaa	1673

<210> 3165
 <211> 2567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1764)...(0)
 <223> similar to gi5917666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3165

ctcgtccac	ctgacgagaa	ataccacag	gtgtggagag	gcaggcccct	ttcaggtgag	60
tctgtggctg	ctctgccaa	agtcaacct	gatgggggtga	atgaggggaag	gggcagggtt	120
tacagcacct	gtgctcatgg	ccagccacgg	ggtgaatgag	gaaagggaca	gggtttacag	180
caccagtgt	catggccagc	ctgtgaacca	gggtgagctc	caaacaaaat	tccctcaa	240
cccaaggaaa	tgaggacgac	agagaccata	tgattagttc	ttcatgaggt	tatgtttact	300
acaaattttt	attgttaatg	tttctcatcc	tgaaattatg	ggatacagcc	tagcagtttg	360
tctcacttg	gcagagtagg	taaccctggc	tctcacactg	agcccccaag	agtccttttg	420
gttttactgg	tgtcagggat	tacagtcagc	aaaccccaact	cattttacagg	gtcaggtgta	480
cagggctgag	ctggagggtt	agggtcaggg	cccctcagga	aactctggtc	tggcacagca	540
gcagcaggga	tgccactctc	cctttgtgga	atccttctta	atacaagagt	gagaagcaga	600
agagcaaacc	acaaaggaat	tccagctcag	accccaaagt	acctgggaga	gctgcaaaca	660
gccatggaga	taagagaggc	ggggagggaa	cacagtgact	gagtctgaga	gacagcaaag	720
cacctctcca	gcgaaagcca	ctccgagatg	cagcctaact	tctagtttg	catcagcaag	780
atgagcaggc	accaccatgg	aaagagcacc	tgggggtgtag	ctgggtacca	cagctcagcc	840
acattcccca	gaaacggagg	tcagccctcc	atggcccagg	aaaacatggg	ggatgaaggg	900
ttggcacctg	cagtgaccag	atggagatac	aatgcaggca	gctgctacca	tgcttggtga	960
ccaggggtaca	agccctgat	gagcttgcca	tggcagccaa	ggacactggt	gccggaggaa	1020
cgacaggggc	ctgcaaaggg	acatccgagg	agggggaagc	aagctgggag	caagaccagc	1080
ccagctaggt	ttcagggcaa	cagcaaagcc	ccagagacat	ggaggcagat	gagtcaacct	1140
tgctgggtga	gaagttagct	tgcaactgcat	agggcaagaa	gaaggtggac	cccactctc	1200
caggaggctg	acagtctcag	ccaggtacaa	tggagggtcc	aggtcacaag	gaagggggct	1260
atggtgagca	tggatggaga	aaggtaggct	tgctgtgtgg	aaggaaggag	gaggggaggg	1320
gaaggggtgag	caaagtgggg	ctgcaggcat	caggctgtgg	ctgatctgtg	gtcagcctgg	1380
agctcagagg	cagttctgga	ttgacaggac	acatggtgtg	gccacacagg	tggggggaca	1440
gtgatcccat	agtccccagg	gagtgactgg	gaggcagaag	attggaacag	gacagagaag	1500
ggcaaagaag	cacatggctc	atgctttaaa	ggtgttttta	tgccaagaca	agggggcgag	1560
gacctcatct	tgagggtgaga	agaagtcgtt	gccctgccag	tccagtgggt	tgaacatgaa	1620
tccagcccag	tggacaggga	aggcccaggg	agaggtgggt	agggagggca	tctgcagag	1680
gctggggaca	aggaggatgg	cacagaatgc	catcacagcc	aggggagctc	ggcagggtct	1740
ggcggaggcg	ccaaagttag	cagcaagcta	gaaggcaaca	actgatagcc	ctcacaggaa	1800
ccttcttgtg	tagaccacaa	gaagctccct	atccctgcct	gctttgcctg	actctgaaat	1860
gccagacagg	cccattttcta	ggtctgttct	cctgaaaata	catctttggt	gctgggtaga	1920
tctgaatcc	tgagaataca	agttttctgct	cctggataca	cagtcacatg	accagaaga	1980
tcccagccca	gtggctaggc	caaggctgca	gtccactcct	tcatccacag	cccgttctcc	2040
ccaagggtct	cacttcatcg	aaggcgcaga	taacacagta	gggtggcctc	cactggtctg	2100
cccatgctca	gcaaccatgg	ccaggagtaa	ctgccatctc	cagggtgaga	agcctcggtc	2160
ggaggacatg	acacccactt	aggggttcaca	gccccctcct	gtgtcagttc	caggaacctt	2220
ggatcacaga	catggcctca	cccagacaag	gacacgaccg	tgagcctta	agatgtcaga	2280
gtcccaagcg	cggggagaag	ggctgcaagc	cacaggtggc	cacgtctggg	attcaccagc	2340
tgctctgctc	agacctggct	tctccagaca	cgctgtggcc	ccagctctgc	ctggctctct	2400
agcacctggg	ggagggggga	ggggctgggc	cttggtttcc	ccgagagagt	ccctttcaca	2460
catgggacca	gccaacatga	gctcatcagg	tcacaggcag	ccgcagcctc	ctgccacaca	2520
ggaagaagat	tcttgacca	caattatcat	tgcaaaggag	tatttttg		2567

09450725 012100

<210> 3166
 <211> 1893
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (284)...(766)
 <223> similar to gil055163 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3166

ctgaatccat	ggaaaaacgc	tttacaggac	ttctgcttac	cttttctcag	aatcaccagc	60
cttcttcagc	accacctttt	tggggaagat	ttacctagct	gccaggaaga	agaagaattt	120
tcagttcttg	ccagctgcct	gggacttctg	ccaacgtttt	accaaacaga	acatccattc	180
atcagtgcct	cctgtctgga	ttggccagtt	ccagcatttg	atattataac	tcattggtgt	240
tttgagataa	aatcattttac	tgaaagacat	gcagaacaag	gaaaggcctt	gcttatccaa	300
gagtcaaaat	ggaaattacc	acacctacta	cagttgcctg	agaattataa	caccattttt	360
cagtactacc	acagaaaaac	ctgtagtgct	tgcaccaagg	ttcctaaaga	tcctgctggt	420
tgccttgtgt	gtggtacttt	tgtatgcctg	aaaggacttt	gctgcaagca	acaaagttac	480
tgtgaatgtg	tactgcactc	tcagaactgt	ggtgcaggaa	caggatattt	ccttttgatc	540
aatgcatcgg	taattatcat	cattcgaggt	caccgcttct	gcctctgggg	ttccgtgtat	600
ttggatgctc	atggagagga	agaccgggat	cttaggcgag	gcaaacctct	ctacatttgt	660
aaggaaagat	acaaagttct	tgagcaacag	tggattttct	atacttttga	tcacatcaat	720
aaaagatggg	gtccacatta	caatgggctg	tgactctcca	cctcagcatt	gcatcgatc	780
atcattttcg	ctacgaattt	atttttcaac	aataagcttt	aacttaattt	gggggattaa	840
cacttttgct	gagggagaaa	aagaaaacat	acattatgaa	tctggagaac	aattagggtg	900
ttggaatca	cgttaatggt	ataatttttt	ttttttaata	tctggagaac	attaataaca	960
agttaaatta	ttcttttagtg	gtcatttttt	aagtgcacaa	ttaataagaa	gcacaacttg	1020
ttcacaaact	cattcagaaa	tgattctccc	aacaatgcat	atcagctatt	cattgatact	1080
tagagtgggt	gtgattttat	tgacatttta	ctgcttcttt	ctgtctgtgt	gttttaattt	1140
gcatctgcca	agcataatgc	atcttttttc	ctctgccatt	cttgtgttga	ttggagaatt	1200
tttctgtatg	taattagaaa	aaaatgtaaa	acatgattta	tgtgaaatac	tgtatagtaa	1260
aagttggtct	aatagtagaa	ctttaaaatt	ttttcttatt	gtgaggaatc	tgttaaaagt	1320
ttaaagcttt	gctgaaaact	gaattcattc	tcaggaattt	cataaatctt	ctccccaggt	1380
aaataattga	aatagctgta	aaataagtag	atagctgctg	ttaatataat	acagtacatt	1440
ttggggggc	tatgtgtggt	tgggggggtcc	ttaaaaatca	aaatttgcca	tttcagttgg	1500
atgaattact	agaggtaata	acaaatctta	ctataaaatc	aagaggttta	agaacataca	1560
ctgggcagat	gttgattccg	tgcatgcccc	cctttttatta	ccaaacaagg	ttttgtttat	1620
atgattgtat	tagaaatgct	cagacttccc	cagaaatgaa	ccataaattt	tggaaacttc	1680
tttcagctca	agaggttcag	ctatattgta	tttgtgcagt	ggtaatcact	acctatttct	1740
ggctcggggt	tccctaaaag	gaaaaaaaag	gcggcagtg	gtgatgacct	tcattggaatg	1800
agccacgctt	cctgcattcc	tccttaggaa	ctggctgtgg	aaaaccaatt	tatgggttgc	1860
aggggtttaa	aaatccagta	aaaatggggg	atg			1893

<210> 3167
 <211> 952
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(851)

<223> similar to gil68455 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3167

accaccactc	cagctttgca	caaggagatt	tgttctgatt	tcacagtttc	agtcaccacc	60
cctgtgcccc	agcaagaagg	tcacctagac	agcgagagcc	caaccaatat	cccactgaca	120
aagcaaggag	gttccaggga	tgttcagggc	ccagaccctg	tctgcagtca	acccatccag	180
cctttgtctt	ggcatggaag	cagcctggat	ccccagggcc	caggcgacac	cctaccaccc	240
ttgccatgtc	acctcccaga	ccttcagatt	ccaggtagct	cacctttgcc	tgcatatgga	300
agccacctgg	accatcggat	cccagccaac	gccccactgt	ctttgtccca	ggagctccca	360
gacactcagg	ttccagctac	cacacctttg	cccctgccac	aagtccctac	agacatctgg	420
gtccaagccc	tcccaacttc	acccaagcag	ggaagcctcc	cagacatcca	gggtccagcg	480
gctgcacctc	cacttccgga	gccaagcctt	acagatacac	aggtccaaaa	actcacacct	540
tcgttgagag	agaagagcct	catagatgcc	catgttccag	ctgccacacc	tttacctgag	600
agaggagggt	ctctagacat	tcagggcctc	tcacccaccc	cagttcagac	cacctatggt	660
ttgtccaaac	caggagggtc	cttagcctct	cacgttgcca	ggaatctatg	ggccttcaca	720
gggccagggg	tcctgatgcc	ccttccacat	gtgagccagg	acatgagggt	tcctgaagc	780
aaggatttca	gccagatgcc	atagaccctc	agaacttgac	ctggaagtcc	agacactgaa	840
cgcaggcctc	aaaactgctg	cggccttcca	actcctggta	tctgcatcgg	cgaatggccc	900
ttcttgcctt	gatccacagg	gatggggaag	ggaatgtcat	taatgttttg	tt	952

<210> 3168

<211> 3036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1310)

<223> similar to gi4959382 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3168

ggctttgttt	atctccatca	tcattccaaac	agactaccaa	tcctgatccc	agcccaatct	60
tgggcccttg	aaaaaataac	ttaacatcct	aactacaagg	gagaaactcc	tttcaaatta	120
atgaacctgg	ctgacttata	tagccttaaa	attatgaaa	tgacaagggt	tacaatgtca	180
gaatgagcag	taaaccttcc	ccagtcctat	cagagcaaac	tttctggggg	tgcatcccct	240
cagaaaccca	tttggggccc	aatctcaatg	cacatatcag	tgcgcaaagc	actaaaattc	300
caggcaacac	tttgtattga	gagaagccaa	aattttgggtc	aggccctggg	acatctaaag	360
tcaccaatgt	aactacacca	tacagattaa	accctcacat	gatcatgtaa	gctatgcagt	420
tacccaagct	gcatcattta	gaaaacctgt	acagttttta	tggaaccat	ccctagtcaa	480
ggacacttta	aatatatagt	ctaaataccg	ttaaggtagg	cccactagct	gtgttcacat	540

tttcccttgg	ccaccttacc	agggacttta	ataacttggg	aaagtgaaaa	caacaagcta	600
acccacatgt	tcaccataga	aaacaatttt	gtcttgaaaa	acaaggactc	tttttcccgt	660
gtgggaccag	ttcctactta	tgtttttacca	gccaatggga	ctggaaccta	tacagttggt	720
tatttagccc	ccgaaattaa	tatagctccc	aacaaccaat	ccttcattat	acttttaact	780
gcaaccacca	gacacaaatg	agccatccaa	ctgataccac	tttcggtaga	gctaggaata	840
acagcaggag	taggaatgag	agttagcagc	cttgcaagttt	ccctatccta	ttaccaatgc	900
ttgtccaagg	atttttatgga	aagcttaggt	gacattgccc	aaaagtatca	tcaccttaca	960
aaatcagata	gagtcttttg	cagtgggtggc	tttgtaaaat	agaaggggac	tggatctcct	1020
aaatgctgaa	gaaggtggct	tatgtctttt	tcctagagga	agaatgctgt	ttttatgtca	1080
acaaaacagg	attagtaagg	gatgccaccc	aaaaactagc	cgattggtac	cataagatat	1140
gacaacagct	gtctgagtca	tggggcgcct	agtcaaaatg	ctaatttggg	gctcacatct	1200
ccttcctctg	gccagtccac	tattaattat	tatacttgcc	ttggcttttg	gatcatgttt	1260
ggtaaatctt	ttaaccagat	ttatttcttc	ttgcctagag	accattatga	taatgcagca	1320
gggccaccag	tcagtttcag	ataatgatgt	caaccccggc	caccaagaag	taacctgtgc	1380
tccactagac	agagcagggt	gcaggaattt	agccaattca	gaggtccttg	tctccataat	1440
ttggaatttt	ccttcggatt	tgatcaagtt	ggatagagtt	ggtcaaacc	aatgggaaaa	1500
agatgaaaac	aacaagaaac	agaaacaaac	agcaacaaca	acaacaacaa	aaacaatgca	1560
tttaattaaa	ttaagatgag	ctcatgctgg	agtaggggtg	actctgaacc	cagtgggaca	1620
agcgtcctta	ttaagaagag	ggaaatctgg	acacacacag	agcagagacc	gccgtgtgaa	1680
gatggaggca	gagatcggag	agatgctgcc	acacgccaca	aatgcctggg	gctcccagaa	1740
actacacgga	gcctcccca	gcggcctcag	caggagcatg	gctcggccaa	cactttgatc	1800
ttgggtcttc	agcctccaga	acgggtgagtc	gttttccctaa	aattcccttt	tccactggtg	1860
tgtggtgcaa	gatgaggcac	attttccatg	gatggtgaac	agagggagga	gccttttgat	1920
cacaaccagg	tcaccccaact	tctaagccac	tgtgcctcca	gccccacaag	actaaggaga	1980
gagagcgcag	cgtgggtggag	agtgagctgt	gctgggacca	ttgtttccgt	aacctcgttt	2040
tctgtgtcca	gctgacacac	cttcaaagtg	gcatcaggtc	ctaaactgta	gcttgcaatg	2100
tgctgttttc	cagaaacca	ggtgaaagtg	cttttagaca	gtgttcccat	gcaagagtcc	2160
cttcccagct	tttttctgga	aatgcatgtt	tctctgaact	ctgagtccca	agaaaaatca	2220
cttgagacac	caagaaaatg	ggggaagtgc	taaaattgtg	tgggaattca	agcttaacaa	2280
taaacatcaa	gacatttttg	ataaaaatga	atccactgac	atcggggagg	agcaagagaa	2340
cagcacgctg	acactgggtc	agaggctaag	accgacattt	ctgggaacca	ctcccgaag	2400
ggcacagagg	agacgctttc	agcctctcat	cagccagcct	ggcctgtagc	tgctgcacgt	2460
tatgagtgtg	ttcctggcat	gactgcttct	aacagcgacc	atttcattaa	gtttttaagt	2520
gcttggtaat	tgcttgggta	tgaccgggtg	ctgctccatg	gcagcctctt	cctgaagaaa	2580
tgctgaggca	gtgtcacgct	ggtgtctgtc	ctccttacag	aatgcctgaa	cagttccatt	2640
gactcaaagt	gaagatcaaa	agaaccaaat	gacagcaata	gccaaagtga	atcatcagta	2700
accctgtgtt	ctatccacag	gtaaaaaaca	atcatcctct	tcattatggg	tttcaatttt	2760
aaatgtaata	cattttttaga	aatgcctatt	tccttttata	atctctttat	ataatctagg	2820
ttattctggc	tcttaggtct	tcatttagct	actgaaaaga	tttgatctca	aatcaatgat	2880
ctaaccaccc	atgaccatct	cccacctctc	tccccgtaca	ccccccagca	tgaattctgg	2940
gaactcagggt	aaaatgcttt	ctggaaacct	gcctgtatta	gtctgttgtc	aagctgctaa	3000
taaacacata	cccgaactg	ggtagtttat	aaagga			3036

<210> 3169
 <211> 1387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1388)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (11)...(631)
 <223> similar to gi2384940 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3169

agagatcgcg	gagagacgca	taacgcagcc	cgctcctcca	gggccctcca	ggccctccgg	60
ccccgggccc	gcgggtgaac	tggggggccc	cgggacaggc	cgagccctct	gccctgcaga	120
taacggaggc	ctctgctgtg	gctgcccact	ggctgtgccc	gcccactggc	tgtgcccaga	180
ccttgaagcc	gcagcgaacc	tctctttccc	accccacctc	ggtgactaat	ggcggccgtg	240
gcgtctccca	gcccggaccc	cgccggcacc	cggtctccc	gacccaagcc	tcgacgaaac	300
ccccgcagag	ccgcccggac	gcagcgcctt	tgggcggcgc	tgggcgtggt	gggcccggaa	360
gtatggcggc	agctcgaacg	ccgcgcggcg	gaggccatta	aggcgtggac	ggcccgggaa	420
ggcggcctag	ggacgcaagc	aggctcggcc	gcctctttag	gccacggagc	cgcgcagatc	480
cggttcccgg	gtgaccactc	tgtcgccatt	gggcgagacc	tacctagtcc	tgacgacaac	540
ggacaaaggc	cttaaggggc	ctggaagggtg	agcgaagtcc	cgaacgacga	cggttggaac	600
ggttagcggc	catcgggcgg	ttggtcttca	ttctaccaga	ctttgctgtc	ggaagagaga	660
aatggtagaa	tgacaggcca	cgtttgggcc	gttggaaatg	cccaccaccc	tctgggaaga	720
tttactggcc	gtttatggaa	ggcctgtgta	tataatatga	aaaagctgct	ctcaactcca	780
ccccaacctt	ttaatagaaa	acattttgtca	catctagccc	ttctatagat	ggaaagaggt	840
tgccgacgta	tgataaaata	gagttagaaa	gttacacatc	ttgtaaattc	tcatttgttt	900
aaaagaaatc	atagaaaata	catgtcttct	ggagatgact	tttggaatg	gagttgttaa	960
gacggcctct	ggaagcgata	cgtccacggt	tgttaagtgg	gttagatgac	atggagctgg	1020
aagacctgag	aaggaagaga	agaaggttct	atgctagact	ggtcataatt	agaagacatt	1080
ttcatattct	atccattgtt	ttgtgtgcat	tttattcctc	actactgtgt	atatagttga	1140
caatgctaag	cttttttgaa	atgtctcttc	tttttagatg	ttctgaagtg	cctgatatgt	1200
taaaattaga	ggtagcaaaa	tcacattttg	taaataacct	tttgttacaa	ttcataggaa	1260
atatttttgg	gggggaatgg	ccaaatcacc	tgttgagtaa	tactcattgt	gtttgtgcag	1320
tggttcangg	gaggagagag	gtgggggggt	gccgttggtg	ggagagacaa	aaagagggag	1380
agtgtgc						1387

<210> 3170
 <211> 2744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2735)...(727)
 <223> similar to gi5689399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3170

tttttttttt	tttctatata	taaaatcttt	attacaggca	gtattggtcc	atacacttaa	60
cacaatacca	acagtacacg	gtttaatctt	tcaaaatcat	catttaaaca	gcaaaagacc	120
caagaaataa	aatttgagtc	aattattttt	caaaatattc	tcaatgcaca	ttatccttaa	180

ttcccttatt	atagtgaaac	atacaaatac	agaaaaatac	cccatTTtaac	aaatactagt	240
gttaaagtgt	tattttggctt	aaaatctgag	ttaagaaaat	ccttttttagc	aacctacata	300
cagataaagta	gcaaacttta	ttatattaaa	caaattcatt	ctgctaaaac	atgtaaagaa	360
tttcatccat	catgtattct	gatcccagta	caagtgttta	ttctcttacc	gtcacgattc	420
ttatatgaag	gaccaactca	aagagttgtc	ctagatataa	ccttatcctc	ttccccaaca	480
cacttcatcc	aaaagtctgt	tcaacagatg	gcaaccgggt	agcagtcact	tcacccatctg	540
atgccagtg	ttccgtgaga	gcgtggccag	gcctgtgaaa	cagcccatTT	tcctacctac	600
tgtgggttgc	tgctcaggag	gaacgatata	cgccaatata	agcaggaaat	ctgcagctcc	660
tctgctatgt	gcctcagaac	actttcaatt	tttctgggtca	atgctctgat	taggtatcat	720
acataaaagc	cagcatatta	gtttaaatct	ttaaacaaaa	aactatattt	tccaaagtca	780
ttatcatttg	ggccaattaa	gtgatctttt	cgtgctttgt	tgagcttcat	ctttagggca	840
tctcttcttt	cttcccattc	atgaagttcg	gcatttccat	gtgcaaattt	acagctgttt	900
ccttctgggc	aggtgccatt	catatacccta	tcacaaatac	tgaaatagcc	tgttgggaag	960
cgggtgctgcc	agcagtactg	gtcgtcctcg	gtgtggaaaa	ccttctcttt	gtgcttctcg	1020
gaggagatgt	ggccctgcc	ctgcttctca	ctgttgcaagt	ttttcccaca	catccagcag	1080
tgaaagtcca	ctgtaacttc	agcataatct	gttggcatgt	gaatttgttt	tccattttcc	1140
ttgtttgact	gactggctat	gtcttcaactt	ttttcatttt	tttgactctt	gagccatagt	1200
tcgtaaaatt	gctccatatac	ttgtatccca	ttctccttca	tgtaagtcca	aacttctctt	1260
tcctcaggac	tatgagcaaa	ggaacagttt	cccacataatt	gacatttttt	cccagaagca	1320
atatggttgc	acagatcaaa	ctgtaaaggc	atttgtttct	ttgtggggag	aggacggatg	1380
ttcatccact	tcttacgttc	aatagacatc	actctcatcg	cacgccggtc	tttgggtccac	1440
gaatgccttg	cttttgcaact	acaatatTTT	ctgtttttgt	ctggttcaat	gacttgaccg	1500
tttctcagac	actgggcgca	cacaaacttt	atcttcatac	taagaaatcc	aggcattatt	1560
tgattacca	gtacctgcgc	tccagggtaca	tttgcttcca	aattctgcca	atatcgttta	1620
gactcttgag	caatagcatc	atgtgagata	cctgtttcat	tttgcatatt	ccagactttc	1680
agttccacaa	gactatgggc	ataaaagcac	tcatcttccc	ttaaacagcc	ataccgaact	1740
tcatgtcgac	ataaatcaag	ctgacactga	ccatgaaaag	aacgtatttt	ggagtatttt	1800
actgttgtct	ctcgcaaaat	gtggacaagg	cacttattgt	cttcaaaactc	atgctttgta	1860
accgggtgag	aacaagcagt	agaattatct	ttatttcttt	tacttatcat	tctaggctta	1920
tgatcaaaac	atttctcaca	aaggaatata	aattccccaa	gatgctcctg	gagaagtttg	1980
aacacagtaa	gggttaatctt	tccattggcg	ccaaagaaag	cctcccggct	gaatgctcct	2040
ttccgctcca	gtgtccacac	atctatctcc	tcttggaat	aagcaaacgt	gcagtggcct	2100
gaatatctac	attcctcctc	agcagcaaca	tctttacata	tataatatgg	tccttcataa	2160
tttgtttttg	ttggtcttgg	acgtattttt	ttccatgatt	tatcttcaac	attctttatc	2220
ctaccgatta	aaatatcttt	cttacaactta	tgatctatgt	tagcatggta	agtgaaatcc	2280
attaacttag	ggcctgattt	tacaaaacag	atctggcaag	cttgtctcaa	ttcatgggtt	2340
ccttcgaggg	gatgtcttgg	agtcactgat	gaagatgggt	tggttaactgc	acttccaaaa	2400
aagtttccaa	agtcatttct	aggctgactt	gaaattccca	ggaaattctc	tgaagcaaac	2460
aaactacctg	gtccattcat	aagtaaaagg	gaagaattac	tggtgttaaa	gcgggtgttcc	2520
ctctctagaa	gttgaggtgg	acagatctcg	tttggaattca	ctcattgaaa	atgaatttaa	2580
agaagaacag	aaatcttcta	aggatgaagt	caaaggtgga	taaaattctg	agaaggaggg	2640
tggaggagca	tacctgcac	caatgggtaa	ggttcctaac	agcgatgccg	aaaagggcac	2700
gctaggagag	acactggctg	tctgaagggg	tcctctgact	aaag		2744

<210> 3171
 <211> 1145
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1146)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (952)...(549)
 <223> similar to gi552195 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3171
 tcaaaaaaaaaa taaaaataaa atacaaaaaac aacttttcccc cataccactc cttatcccac 60
 acccccatcc tctatcccct atcccctatc cttaatctct ttgtaactgt tgctcactcg 120
 ctctctcact ctcatgtgtg tgctctctct cacatacacc acacacacac acacacccca 180
 cctacataat ttcttctctt acaccttttaa tataaatatc tgagttttgg ttcagttttg 240
 caaacattta aaaggcaaac atgggtatttt gcttggtttca gcatttaata aggtagtgc 300
 tacttctttc atatggaagg aaaacatcat attaagttaa tatttaaacy tacacaatta 360
 taatttgcaa aaaaaaatca agatgataat ttcttaaata gtaaattgaa ataaatgata 420
 ttttcctagc atgcttgta ttcagcaata ataagaaact gagataagaa tgcaggcagt 480
 tgaagtccac ttcagcctga gtgcaagtat acacaaaaca gcaaaaatat tacatagaaa 540
 ataaatgttg tccattggat tgagtatggg gctaccattt gtcacagtgt tcatattcat 600
 agttgtggct atctttgggg tcaactgctgt attcagactt gtcttggaat ttggagtc 660
 ctagggattt gaggtcattt tgagatttgg gcttggtcca ggattgggtgc taccatttgt 720
 cacagtattc atattcatag ttgtggctct ttgggggtcac tgctctattc agacttgtct 780
 tggaatttgg agtcatcttg ggactcgagg tcattttgag atctgggctt atcccaggat 840
 tgggggttcat tctgggattg gtgctcttcc tgggattagg tctgggtccc ggattcaggc 900
 ttgacgcagg attggatact gccatagaat ttgaggttgt tgatgttgaa gtttgtcccc 960
 ggaatgttaa caaacatgaa gagcaggcca atcgggtgata gcttgaacat catcctctc 1020
 ttttgatatt tttctccgaa gagtaagaat tcagtctttc tccagcgaca aagcgaccgc 1080
 ccacgcgtcc gcggacgcgt gggcggacgc gtgggtcgac acgagaanna agccnggtag 1140
 tcatt 1145

<210> 3172
 <211> 569
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(504)
 <223> similar to gi4894364 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3172
 aaggccttat gagtgcagtg tatgtgggga attgttttagg tacaactcca gccttggttaa 60
 acattggaga aatcacactg gagaaaggcc ttataaatgc agtgaatgtg ggaaatcatt 120
 taggtaccac tgcaggctca ttagacacca gagagtccac acgggagaaa ggccttatga 180
 gtgcagcgaa tgcgggaaat tctttcgtaa caactccaac ctcatataaac attggagaaa 240
 tcacactgga gaaaggcctt acgagtgcag agagtgtggg aaagccttta gccacaagca 300
 tatacttgtt gagcaccaga aaatccacag tggagaaaga ccttatgagt gcagcgaatg 360

ccagaaggcc	tttattagaa	agtctcacct	ggttcatcac	cagaaaatcc	acagtgaaga	420
gaggcttgtg	tgctccatga	atgtggggaa	ttcttttagct	aaaactccaa	cctcattaaa	480
catcagagat	ttcacaatgg	agaaagttta	ccattgacta	ttgtaattgg	gtagtaatgt	540
tatataaatt	ccacattttt	atgcaacta				569

<210> 3173
 <211> 2371
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (224)...(1153)
 <223> similar to gil255425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3173						
ctacatagta	aacttctctt	cagtagggta	aacgaatgct	aaaactctga	gacctctgtc	60
agctgaagtc	ataagaaaac	tgcatatttg	ttggaagaaa	ataaagaaat	gaagagctgc	120
taagcatgaa	taaggactgt	ctctagaaat	taaagggaag	cttttaataa	acacatattt	180
ttctctcccc	gaacttccct	cccccaaatt	caggagttag	ccgaggaaaa	gatatctcca	240
ccatcacagg	tcacgtgagg	aaagacatct	ctactatttt	ggatgaagaa	agaaaagaaa	300
ataaacgacc	ccagagggca	gctgctgctc	gaaggaagaa	acgccggcga	ttaaatgatc	360
tggacagtga	tagcaacctg	gatgaagaag	agagcgagga	tgaattcaag	atcagtgatg	420
gatctcaaga	tgagtttggt	gtgtctgatg	aaaaccgaga	tgaaagtga	gaagatccgc	480
catctaata	tgacagtga	actgactttt	gtagccgtag	actgaggcga	cacctctctc	540
ggccaatgag	gcagagcagg	cgtttgcgaa	gaaagacccc	aaagaaaaaa	tattccgatg	600
atgatgaaga	ggagggaatc	gaggagaata	gtagagactc	tgaaagtga	ttcagtgatg	660
atttttagtga	tgattttgta	gaaactcggc	gaaggcggtc	aaggagaaat	cagaaaagac	720
aaattaacta	caaagaagac	tcagaaagtg	acggttccca	gaagagtttg	cgacgtggta	780
aagaaataag	gcgagtacac	aagcgaagac	tttccagctc	agagagtga	gagagctatt	840
tgtccaagaa	ctctgaagat	gatgagctag	ctaaagaatc	aaagcgggtc	gttcgaaagc	900
ggggccgaag	cacagacgag	tattcagaag	cagatgagga	ggaggaggaa	gaggaaggca	960
aaccatcccc	caaacggcta	caccggattg	agacggatga	ggaggagagt	tgtgacaatg	1020
ctcatggaga	tgcaaatcag	cctgcccgtg	acagccagcc	tagggtcctg	ccctcagaac	1080
aagagagcac	caagaagccc	taccggatag	aaagtgatga	ggaagaggac	tttgaatgat	1140
taggcaaagt	ggggagccca	ttggactata	gcttagtgga	cttaccttca	accaatggac	1200
agagccctgg	caaagccatt	tgagaacttg	attggcaagc	ctacttgaga	agtctcagac	1260
ccccaaggac	aaccagcaca	gccagtgcaa	gccttagcct	ccaaatggga	caagtgggtg	1320
ggcaggaggc	aggagaccca	gaagaggagg	aagatgagct	tttgagagtg	actgaccttg	1380
ttgattatgt	ctgtaacagt	gaacagttat	aagacttttt	ttccattttt	gtgctaattt	1440
attccacggt	agctctcaca	ccagcgggac	agttattaaa	agctgtttta	tttttccctg	1500
aaaactccac	tacagaatga	cttttagaag	aaaaatttca	acaaatcctg	aagtctttct	1560
gtgaagtga	cagttctgaa	ctttgaagat	aaataattgc	tgtaaatcc	ttttgatttt	1620
ctttttccag	gttcatggtc	cttggttaatt	tcattcatgg	aaaaaatct	tattataata	1680
acaacaaaga	tttgatatatt	tttgacttta	tatttccctga	gctctcctga	ctttgtgaaa	1740
aagggtggat	gaaaatgcat	tccgaatctg	tgaggggcca	aaacagaatt	taggggtggg	1800
tgaaagcact	tgtgcttttag	ctttttcata	ttaaatatat	attatatatta	aacattcatg	1860
gcatagatga	tgatttacag	acaatttaaa	agttcaagtc	tgtactgtta	cagtttgaga	1920
attgtagata	acatcataca	taagtcattt	agtaacagcc	tttgtgaaat	gaacttgttt	1980

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actattggag	ataaccacac	ttaataaaga	agagacagtg	aaagtaccat	cataattaac	2040
ctaaatTTTT	gttatagcag	agtttcttgt	ttaaaaaaaa	ataaaatcat	ctgaaaagca	2100
tttgtacagt	aaaatgtata	atgaagcttt	gccaaccaga	ctgtgctagc	aacaaatTTT	2160
tttaaataag	ctttatgcag	tggtaataag	gtggcctcaa	atatattgtg	tctgatggag	2220
agttattagt	gaaatgaatg	tggcttttct	taaggcctgg	atggactgtg	tagcaattcc	2280
ttgatgtcca	gtttggaaag	atgtactctt	ctcaacaaga	aaaacttaaa	tccgtcgtgc	2340
ccaaatatag	ttgtgctttt	atttccaaaa	a			2371

<210> 3174
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (736)...(93)
 <223> similar to gi2065209 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3174						
ttttaacatt	tttaatgtac	tggatttgcc	atttgtagca	gatgctgatt	ttaagttaaa	60
caatacatgt	catgctatag	gtcaaataatt	ggggctctgg	ggtgtgtaaa	ctgggctcaa	120
gtctgggaaa	ttgattgagg	ggcogtgatt	ctgttttaatt	aattcaaatt	agtattttgt	180
ccatttgacc	tagaagtttt	ctgcttgat	aaattaagtg	ggaatgcagt	aggcttccta	240
tcagtttcac	ttccaggaac	accataatta	attagcccaa	tgcccaagtt	ctacacaagt	300
cagactattc	tgattgctgc	tttgcttctg	ctgtccatt	acagtagcta	cgccacctt	360
acctttgata	gttgagtgcc	cgtcacttgg	gcccctgcta	ccctccggat	ccagttattc	420
ccattttgta	tttaaatttt	gtagttgagt	gactgagggt	ccactgtta	gatctgacat	480
acagagaagt	gcaattatag	ggttcttcaa	agatgtagct	gctgcccttg	taaatctggt	540
ttgcaaggca	tcagtcaagg	gtatatcttc	tggaccctcc	cagctgggat	gagtaggtct	600
aaagtgacta	atccactcca	ccttctgaat	ctccctaagc	ctttggatcc	cttcctctac	660
attaaaccaa	gggagatcag	gcatttcag	ctcactcaca	gtgggccatc	ttttaatcca	720
tatttcagct	aaccacgc					738

<210> 3175
 <211> 1433
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (42)...(1375)
 <223> similar to gi2105420 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3175
gcaaggggca gttggtgaac ttgctgcctc cagagaatth tccctggtgt ggaggcagcc 60
agggacccag gatgctccgg acctgttacg tgctctgttc ccaagctggt ccccgctcca 120
ggggctggca gtccctgagc tttgatggcg gggccttcca ccttaagggc acaggagagc 180
tgacacgggc cttgctgggt ctccggctgt gtgcctggcc cccactcgtc actcacgggc 240
tgttgctcca ggctggtct cggcgactcc tgggctcccg gctctcaggc gcatttctcc 300
gagcatccgt ctatgggcag tttgtggctg gtgagacagc agaggagggt aagggtgcg 360
tgcagcagct gcggaccctc agcctccgac cactgctggc agtgcccact gaggaggagc 420
cggactctgc tgccaagagt ggtgaggcgt ggtatgaggg gaacctcggt gctatgctgc 480
ggtgtgtgga cctgtcacgg ggctcctggt agccccccag cctggctgag gccagcctca 540
tgagctgaa ggtgacggcg ctgaccagta ctgggctctg taaggagcta gcctcgtggg 600
tcagaaggcc aggagcctcc ttggagctga gcccggagag gctggctgaa gctatggact 660
ctgggcagaa cctccagggt tcctgcctca atgctgagca gaaccagcac ctccgggcct 720
ccctcagccg cctgcatcgg gtggcacagt atgcccgggc ccagcacgtg cggctcctgg 780
tggtatcgga gtacacctca ctgaaccctg cgctctcgct gctggtggct gccctggctg 840
tgcgtggaa cagcccgggt gaaggcgggc cctgggtgtg gaacacctac caggcctgtc 900
taaaggacac attcgagcgg ctggggagggt atgcagaggc tgcgcacagg gccggcctgg 960
ccttcggagt gaagctggta cgaggtgcat atctggacaa ggagagagcg gtggcccagc 1020
tcccatggaa atggaagacc ccccccactca ggctgactat gaggccacca gttcagagtt 1080
acagcccgtt gcctggaact gatgctgacg cacgtggccc gccatggccc catgtgccac 1140
ctcatggtgg cttcccacaa tgaggaatct gttcgccagg caaccaagcg ggcaggccgg 1200
ctatgtagt tataagtcca ttccctatgg ctccctggag gaggtaatcc cctacctgat 1260
ccggagggcc caggagaacc ggagcgtgct tcagggtgcc cgcagggaac aggagctgct 1320
cagccaaaaa ctgtggcggc ggctgctgcc aggatgccga aggatacccc actagcaccc 1380
ctgagggggt catgtggtca ataaaagtcc ttaggtgctg ctaaaaaaaa aaa 1433

```

```

<210> 3176
<211> 1062
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1063)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1010)...(306)
<223> similar to gi311833 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3176
tttttttttt ttccagtcac taatgatctg tccttttgag atcttttact tcagaggaag 60
athtaggaac gagagcaaca tataatagtc agtgatacaa agaagggcat ggaacatttg 120
gggaacacag ggggttgagg ggcctgaagc acaggggtgg tggattaga aatgtgggaa 180
atatgggcca tgagcctccg gacagaatgg ggtccaggaa ggacagcatc acacactggt 240
gctggaatth ggggatcctt ctgtgggcaa cctcagcagt ctggttattg gccctttttt 300

```

```

cttacagcct ggaaaactgg accaagtttc tattgatctc agcgaccgac cggcagcctg 360
taagggggcca tgggaagtgtg gaactcattt gttaaaatgt tcaaaacttc cttaacacca 420
tggttcaccct tgcaggcaag gccccatagg attgggtctcc caagaaaaat gcacttagct 480
ccaagggcca gagccttctg cacatcattg ccagttctga ccccggcac caggtagtac 540
ttcatgttcc cctattcagc agctcctact tctgtcaaag catcaattga agcaagaacc 600
tcatcaagct gcctcccacc atggttgga acaatgatac cctggacatt gtgcttcaca 660
gctaactctg catcctcttt tgtcaaaatc cctttcagga tgatgggcaa tcgagttatg 720
ctctgaaacc aggagagatc attccagcag agagaagtgc tgataggagt catctggaaa 780
taaggtattg catttccctt tttaggtgat tgaagatctg ttagtgtaa gttcctcctc 840
aactggtttc gaatgtcatg tcgcctgttg ccacatacag gtgtatccaa agttattacc 900
aaagctttga aacctaggga ttctaccctc tggatcaact gtttgttcag ctgcaggtct 960
ggatgcacat agagttggaa ccacgcgagg ccttcgggag ctcttgctgt gctcatttcc 1020
ccgaattcca ccacnctgga ctagtggtct caaannntc ga 1062

```

```

<210> 3177
<211> 914
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (694)...(13)
<223> similar to gi433012 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3177
tgccagaatt cggcacgagg aaatgagctt ggctgggcac cctctctggg ccttgagggc 60
aagcctgggc tcctctgaaa atacaggcag cttcctttcc ctgacttgcc tggaggagcc 120
aggccctgtg gtgcggtctg gctctgaggc ctgtggtcct gcttgggact ggcagtctta 180
ggctgaggga acattttcca gagtatagcc gagggacaga atgtctcagt aagacgggct 240
cggaggggaa gtgttttgga aaggcctctg cttgctctgg gaggcgttca ggatgctgag 300
gttttgga aa tctatggcgg ctcttcacaa ctgctcccag ctttgggagg aggaatagac 360
gggtgctcgt ttctcgggt tcagtggcaa aggtgaagac cagcactgcc gacctgggac 420
ctgggcctct cccgggcctg gggaggacac tggactttga aggggaatgc agcctagaag 480
gcctggaccc tggagtcagg agatgctgct cccatccagt aagccctggc tggagctctt 540
ctgggcacca accctggcat aaaaccagtg gagcctctgg gcctgcactc aacagtgcct 600
ctgatggagc aggttcagct tggttgtgac ctctgctaga agccctccct ggccctcctg 660
tgcactgagc tgggtggttc tcctttgcgc ccaggtaca tgctcagatc tgtgtaccct 720
acactttgtc ctccagcttc gtgtttggat gttcacaact cccatgagaa gggcccccca 780
gagctggcac agtgcattg tttcctctcc agacttctac aaacctggca cataattgtt 840
tgctggaaga tggcatgttc ctaaaacaga ggaagtagaa cctgaataaa gcgaaatcca 900
acttcccaaa aaaa 914

```

```

<210> 3178
<211> 757
<212> DNA

```


ggtgtggaaa aaattttcca gtgaagggtc tcaagata

758

<210> 3180
<211> 1813
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(250)
<223> similar to gil389766 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3180

tattaaaaaa	tagcctgtga	tggccgggca	tgttggctca	cagctgtaat	cccaacactg	60
ggaagccaag	gtgggtggat	cacctgaggt	caggagttcg	aggccgggct	ggccaacatg	120
gtgaaacctc	atctctacta	aaaatacaaa	aaattagatg	ggcgtgggtg	caggtgcctg	180
taatcccagc	tacttgggag	gctgaggcag	gagaatcgct	tgaacccagg	aagtggaggt	240
tgcagtgagc	acgatcgtgc	cattgcactc	cagcctgagc	aacaagagtg	aaactctgtc	300
tcaaagaaaa	aacaacaaca	acaaaactgt	gattctccat	ctaacttttt	acaattatcc	360
tttcacaatt	caagaaagtg	tgaatgcaag	tcattactaa	cagtatctca	gtaaaagtag	420
tccaggagca	aatatTTTTt	ttttaactgg	gttcccagct	agttccattc	ccttgaattc	480
agtggcaaag	tcactgtcaa	taaaaggttt	ttactcttct	tcctttttga	attgtaactt	540
gcttactgaa	ttcaggaatt	gggtgatcaa	aagataactg	cttattatag	taagataacc	600
ttggaacaga	actgtgatta	aaaacctgaa	taataaaaaa	cacacaagac	ccattaaaac	660
ctattcctca	ctttttcttc	gtgctggctt	catggttgtc	tttgctgtct	tcattgctct	720
ccccgttatg	ttgtggctga	ttaccatctt	gagcatcaga	tcctccattt	agagtctttg	780
acccttgcca	aggaatccaa	tggaaaaact	ttgttaaagc	ttacaaaaca	ataattgaag	840
gtgtccacta	aagatccaga	atcaaaatac	aacatggcca	tcgtgtttct	actacttaat	900
gtcttttatt	tgaaattaca	ttgtaataca	gccctctctt	gaatgttaga	attgggtttt	960
gatgctttgt	caaaaagggg	agcagatgac	caccagaggc	tttgggtagc	taaggcacca	1020
taaaaagcag	gttaactatc	tatgagtaca	ggaagtggat	tattaatctg	attattctgg	1080
ttgttactat	taccaggaat	actacagggg	gttgtaattc	ttagcatatt	catttattct	1140
accacggaaa	agcaatgtga	atcaaatTTT	aaaatttact	attttagaac	aaagtgctaa	1200
aggagtattt	cctaattgat	atTTTTgtgc	ctaataaagg	gggttttcct	gtaagtcgta	1260
ttaataattc	tctaagggga	cccatgtcat	tccccaataa	agcaacaaaa	acaaaaaacc	1320
aaccgactgc	ttttgacata	ccagctttta	ccttaagcag	ctgccactaa	gatgtttaat	1380
aacaagactg	gaggagctga	taatggtact	atgattctgt	tttaagagtc	tttcatacat	1440
tctgaaatgt	ttatgagtga	aatggtatgt	cagggatttt	tcgtaaaaca	actttcaaga	1500
ggggcataga	gaaagcttat	gggctacaaa	agcacaatga	tcataaactg	aactgccaaa	1560
gctggatgac	aaggacatga	gaagttattt	ctatttgtat	aagttataaa	tttttcctaa	1620
tacaaatgaa	aagaaaataa	ctactgttag	taataagtac	tagcaggatt	taactatgc	1680
taaagttagt	gaaaaaagta	gaagctaagg	ttcagtgcct	tacatatatg	ctacacatct	1740
aagtgccttg	taagacttta	tcaccaggcg	cgggtggctca	tgcttgaat	cccagcactt	1800
tgggaagcca	cgg					1813

09489725.013100

<210> 3181
 <211> 1086
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1035)...(402)
 <223> similar to gi2072977 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3181
 tttttttttt ttgagtgagg tacgagtatt accaaatgat attttctgaa gatgcttttt 60
 ggaaagctct gaatctatac ctaatgctct taattattgg cttgtttcat ttttttcctc 120
 cagtttttaa caagatcaca taactggctt atttttaaca gctttgtcaa actacaattt 180
 acatgccgta aaatgtacac actgtaattt tataattcat tgacttttag taaattttcta 240
 gcgttatgca tcgccacaat ccagtttttag aatattttcca tgaccctaag aagtttcctc 300
 atgtctatta atattcccaa tcctaggcac cactgagttg ttttctgtct ttataagttt 360
 ttctttctac atcttatata aatggaatca taatacatgt agtattttgt gtctggcgctc 420
 ttgcacttag catgggtgttc ttgaggttca tctgtttag tagtattga tacttaattt 480
 ttttattgcc gaatactatt ccattgcatg gaaaagactt attttatttc taggttcacc 540
 agttgagggg catttggtt gttcccaactt cttgggctgt taggaataat gttgctctga 600
 acatgtaaat aaagatcttt gtgttcacat atgtttttca ttttctgttg gggagattcc 660
 ctaggctaga aattgctggg ccatatgaaa aatcaatagt tagctttgta agaaacagtc 720
 aaactgtttt cccaacgtga cattttatat tcccaccagg aatgtttaaa actagtgtct 780
 tcaaatcctc accaacaatcc aggattgtgt ctttatgatt atagccattt ttgtaggtac 840
 aaagtggcat ctcatggtgg ttttaatttg catttcata atatctaatt aggttgagct 900
 ttttttatgt gcttattggc cattgtttg actttgtttg gtgaaatgta tacaatcat 960
 ttgctcattt ttaatttggg ttgtctgtct tgtcttctca ttttattgag ttaaatgagt 1020
 tcttaataat ctctggctta caagtcctta atttatcaaa tatatgatac gtggacattt 1080
 cctcat 1086

<210> 3182
 <211> 644
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (20)...(513)
 <223> similar to gi2072969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3182
 agttattgac cttacagatg aggtagagat tgagataagg gtagaagggtt tattcaaagg 60
 gataataaca gagaaagaga tcaatatcca agaaccagaa ggttatagaa caccaagcag 120
 gtttaaccca aagatgatta cctcaaggca ttttaataatc aaacttccaa agatcaagga 180

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (904)...(375)
 <223> similar to gil055196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3184

ggacacagtg	aggaggggct	ggataggaga	agcatagtgg	tcatgggaaa	tgaaccaatc	60
attgagcact	gactcttctt	ttgttgggat	tgggtttttt	ggggactgca	gcattctttt	120
atacagcaaa	atgcaagagc	ctggagctgt	gctggatgtg	gtgggtgcct	ggctccaaga	180
cccagccaat	caaaaccttc	cagaatatgg	agccttggca	gaatttcacg	tgcagcgggt	240
gctgctgcct	ctgggctgct	tatcggaggc	tgaggagcta	gtgggtgggct	ctgcagcctt	300
tggtgaggag	cggcgactgg	atgtacttca	ggccattcac	acagcgaggc	agcagcagaa	360
acaggaacac	tcaggctctg	aggaggccca	gaagccaaac	ctggaaggct	ctgtctccca	420
caagttcctg	tcactaccga	tgttggttcg	ccagctttgg	gactctgcgg	tgagccactt	480
cttttctctg	cccttcaaaa	agagtctcct	ggctgccttg	atcctctgtc	tcctggtggt	540
gagatttgat	ccagcttccc	cttcctccct	gcacttcctc	tacaagctgg	cccagctctt	600
ccgctggatc	cgggaaggctg	catttttctg	cctctaccag	ctccgcatcc	gtgactgagg	660
gtccctgcgc	accacagcct	ctctgctcct	cacgtccgtg	gccacagaag	cagagcgaca	720
gagcgacaca	tccacaggcg	cccctgggga	aatgggacca	gcctaatactc	gcgggagtga	780
ctgtgtcttg	ctgcctgggt	gccctctcct	ttgcacccta	cttcagctgg	tcgcggtaga	840
tgatgtggaa	acaaagcagg	accagcaggc	acagcacctc	cagaacagtg	ccccggatga	900
ccagaggccc	cttgaaaagg	gagggggttg	gggacaggga	ctgtgtccat	gaaacattcc	960
atcttcttgg	tgaaggcaag	gggttggttc	ttcaggtcag	gatgttaatg	gagctggaag	1020
ttcagaaaaa	gcctgggtgaa	gtgacccttg	gcctttcact	tcttgagaaa	catacttctt	1080
tgctgggcaa	aaaaaa					1096

<210> 3185
 <211> 1227
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (13)...(270)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3185

cagttttttt	tttttttttt	tgctgcatga	ttttattact	ataaatatac	agtaaaaacg	60
aaccaacgat	gagcccatct	gagcacatca	gacggcagca	catgggagtc	ccagcggggc	120
actctgcggc	ccgaacttca	cgcaaagctc	tggcaccagg	actgatggcc	agaggctggg	180
gccttggttg	gggcgggggg	cgggcggtgc	agggggctgt	gtgtgttgtt	ggggagaggt	240
gcatgggggg	agagaggtgc	ttgggggtgg	gtagaggtgc	gtgggagatg	ctcgggtccga	300

gtgcacacac	atgcatggga	acatgtgcag	gagtatgtgc	gtgtgtgtat	gcgtgacagc	360
atgtgtgagc	gtgagtgtgc	atgtgtgaac	gtgtgctga	gcatgtgcaa	gtgggcgtgc	420
atgtgtgtgt	gtgtacgtgt	gagcgcacat	gcgtgcctgt	gcacgagcgg	gaggggtggc	480
tggcctgggt	gtgcagggag	ctgggtgtga	ggaccgtgct	gtccactgct	gggtctcgcc	540
caggaggcag	agctcatgct	cggagccacc	gtgagcctca	gggagggtag	tgagctgccc	600
cacagccgac	ctgtccccag	gcccccaactg	cagggcagcc	ctccagagcc	aggtgagcag	660
cagacacctt	gcctggccca	aggctccgca	gggtgtggatc	catgccctgg	gtcaccacgg	720
cccaggcact	ccctttgcca	tctgcggccc	caggaggttt	acctataaaa	aaaacaaaca	780
aacaaacaaa	caaaacagga	cgaggtcgcc	cagaggccaa	gcctccccgg	ccgggacccc	840
attccccagg	tgtgctgctg	gcttcctcct	ccctgggccc	agcctgccac	agaaagcctg	900
agacagaaca	aaccaaataca	gagagaactg	caagggggcc	gggcgcggag	gctcacgcct	960
gtaatctcag	cactctggga	ggccgaggga	ggtggatgac	cttaggagtt	tgagaccagc	1020
ccggccaaca	tggtgaaatc	ccttctctac	taaaaataca	aaaaaattag	ccgagcatgc	1080
tggtaggcac	ctgtaatccc	cagctactca	ggagcctaag	gcaggacgat	cacttgaacc	1140
cgggaggcgg	aggttgcagt	gacccgagat	tgagccactg	cactccagcc	tgggcagcaa	1200
gagtgaact	ccatctcaaa	aaaaaaa				1227

```

<210> 3186
<211> 698
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (692)...(215)
<223> similar to gi3874389 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3186	
tttttttttt	ttgtggtcta aaataaactt ttaattgcac atttgtgtct tgggttatct 60
gtggggtgag	aaacctcctc acttccaatc ccagctatct gggtagaatc tgggtgtgtg 120
gtctggctgt	cggcgagggg tagaggtggg tgcaggactg gcccccgagt ctgcaccgac 180
ctcttcaggg	caggggagctc agaccatggt agtacttgca ctgcttcagg gcctcgctga 240
agccctcaca	caggggacagg tcaactctgag tgggtggaaca gtccaggaac tgcctgatct 300
cataggcgca	gggccccaat ctgcaagggg cttggggggc agcgggggtt gggggccttg 360
cttggaacag	agctcggggg aagggtccg aagctcccc ccgcttgaag gctccgggtc 420
aagggcgctg	cccatgaacg tgtccacag ccgagcccca cggctacccc tgcggccccg 480
ggtcgccatc	tgagccatga gccccggctg gcccgagggg gcgggggctg gggcggtgc 540
cgagggcggg	gggtgcgcgg gcgggtgggc agagggcgcg gcggggcggc tggctggccg 600
ggaggccgcg	ctgcggcttc ccccagggca tgggtggcggc ggtgggaccc gggcgacctt 660
agagacggcg	gcagcggtgc tgctcggggg acaaatgc 698

```

<210> 3187
<211> 1294
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (167)...(757)
 <223> similar to gi746487 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3187

cagagacgct	gcaaattgct	tgtggacggt	gtaggccgct	gcaggccacc	atgaaccggc	60
ttccggatga	ctacgacccc	tacgcggttg	aagagcctag	cgacgaggag	ccggctttga	120
gcagctctga	ggatgaagtg	gatgtgcttt	tacatggaac	tcctgaccaa	aaacgaaaac	180
tcatcagaga	atgtcttacc	ggagaaagtg	aatcatctag	tgaagatgaa	tttgaaaagg	240
agatggaagc	tgaattaaat	tctaccatga	aaacaatgga	ggacaagtta	tcctctctgg	300
gaactggatc	ttcctcagga	aatggaaaag	ttgcaacagc	tcgacaagg	tactacgatg	360
atatatat	tgattctgat	tcgaggatg	aagacagagc	agtacagggt	accaagaaaa	420
aaaagaagaa	acaacacaag	attccaacaa	atgacgaatt	actgtatgat	cctgaaaaag	480
ataacagaga	tcaggcctgg	gttgatgcac	agagaagggg	ttaccatggt	ttgggaccac	540
agagatcacg	tgaacaacag	cctgttccaa	atagtgatgc	tgtcttgaat	tgtcctgcct	600
gcatgaccac	actttgcctt	gattgccaaa	ggcatgaatc	atacaaaact	caatatagag	660
caatgtttgt	aatgaattgt	tctattaaca	aagaggaggt	tctaagatat	aaagcctcag	720
agaacaggaa	gaaaaggcgg	gtccataaga	agatgagggtc	taaccgggaa	gatgctgccg	780
agaaggcaga	gacagatgtg	gaagaaatct	atcacccagt	catgtgcact	gaatgttcca	840
ctgaagtggc	agtctacgac	aaggatgaag	tctttcattt	tttcaatgtt	ttagcaagcc	900
attcctaaac	agcccaactg	gcatttaatt	acccaatact	gtatataagg	caaatatgga	960
cagttacttt	cctcttgctt	gttcataatc	ttcagtgaca	ttgaggaagc	agtgtttctc	1020
tttttaaagg	agaatagttg	tcaaccttca	ttcatctctt	acatctctca	ccctctcctt	1080
tttttttct	ttgattttcc	cccttattga	tgggactgat	attcattctg	tttttgatga	1140
acatttgga	actgtcgggc	tttttattaa	agctctgtaa	aattaaaagg	ttttggaatt	1200
ataagcaatc	tttgtttctg	agggttattt	ttattttgca	tatagctttg	atgtaattaa	1260
actggaaact	ctttcctgaa	aaaaaaaaac	caaa			1294

<210> 3188
 <211> 1227
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(270)
 <223> similar to gil710216 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3188

cagttttttt	tttttttttt	tgctgcatga	ttttattact	ataaatatac	agtaaaaacg	60
aaccaacgat	gagcccatct	gagcacatca	gacggcagca	catgggagtc	ccagcggggc	120
actctgcggc	ccgaacttca	cgcaaagctc	tggcaccagg	actgatggcc	agaggctggg	180
gccttggtgg	gggcgggggg	cgggcggtgc	agggggctgt	gtgtgttgtt	ggggagaggt	240

gcatgggggg	agagaggtgc	ttgggggtggg	gtagaggtgc	gtgggagatg	ctcgggtccga	300
gtgcacacac	atgcatggga	acatgtgcag	gagtatgtgc	gtgtgtgtat	gcbtgacagc	360
atgtgtgagc	gtgagtgtgc	atgtgtgaac	gtgtgcgtga	gcatgtgcaa	gtgggcgtgc	420
atgtgtgtgt	gtgtacgtgt	gagcgcattct	gcgtgcctgt	gcacgagcgg	gaggggtggc	480
tggcctgggt	gtgcagggag	ctgggtgtga	ggaccgtgct	gtccactgct	gggtctcgcc	540
caggaggcag	agctcatgct	cggagccacc	gtgagcctca	gggagggtag	tgagctgccc	600
cacagccgac	ctgtccccag	gccccactg	cagggcagcc	ctccagagcc	aggtgagcag	660
cagacacctt	gcctggccca	aggctccgca	gggtggatc	catgccctgg	gtcaccacgg	720
cccaggcact	ccctttgcca	tctgcggccc	caggaggttt	acctataaaa	aaaacaaaca	780
aacaaacaaa	caaaacagga	cgaggtcgcc	cagaggccaa	gcctccccgg	ccgggacccc	840
attccccagg	tgtgctgctg	gcttcctcct	ccctgggccc	agcctgccac	agaaagcctg	900
agacagaaca	aaccaaatac	gagagaactg	caagggggcc	gggcgcggag	gctcacgcct	960
gtaatatcag	cactctggga	ggccgaggga	ggtggatgac	cttaggagtt	tgagaccagc	1020
ccggccaaca	tgggtgaaatc	ccttctctac	taaaaatata	aaaaaattag	ccgagcatgc	1080
tggtaggcac	ctgtaatccc	cagctactca	ggagcctaag	gcaggacgat	cacttgaacc	1140
cgggaggcgg	aggttgagct	gacccgagat	tgagccactg	cactccagcc	tgggcagcaa	1200
gagtgaact	ccatctcaaa	aaaaaaa				1227

```

<210> 3189
<211> 1334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1264)...(846)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3189	
tttcgtggac	aggagggctg gcaagggagg gtccagggtt aggggattcg gagtggcttc 60
aggcggacca	cgtggctacc ttttttccag ggccagactt tggcagcgtg taaggtctga 120
ggacaggggc	accggaggcc gaggatgaga ggccagtgcc tgtttccagg cagccagggc 180
ctcagaaaact	ccggccggag cactcaccgc tcggtggagg ccgttaccag ggccacctta 240
tttgcgagcg	ggtcccggcg ggatcatccc gagctggcca tccgcaccga attccaagcc 300
cgggcacaga	ggcctagcag cccgcgcttg tgcatggatc agaccagcaa atgccacttc 360
ggataaaccc	tttgactcc taactccaat caggtgtctg ctttgttgag gactcacaga 420
cacagtctcc	tttcttcaag atctttacaa tgcaagacct cactaacaca cagggatggg 480
ctcccagagg	gtctgtgctg ttcccttact cagaacatca agatgactg aagtaaggat 540
cctctattct	acagttcctg ctactgagc tattccatgg gggcttcagc aggaaattcc 600
aaggttggct	ttgacaagct aaggccggct ggtggagcac atcgagttct ggaggttcat 660
gtgtgttttc	atgaagatct gtctgcccgt agcagataaa gaggttgttc ccactcttc 720
ctgggtcttc	ctatttttct gggaggaatt tctggattaa ctgaacacac acacacacac 780
acacaccctt	ttgaagcatt aacagtaatt ctgagttctt agggacaatg cagattaaat 840
ccacaataag	aaagacaact atggccagggt gtggtggctc acggcctgta atcccagaac 900
tttgggaggc	tgaggcggat ggatcacctg aggtcaggag ttagagacca acctgaccaa 960
catggagaaa	ccccgtttct actaaaaatg caaaattagc cgggcatggg ggcaggcgcc 1020
tgtaatccca	aatactcggg aggtctgaggc aggagaatca cttaaaccgc ggaggcagag 1080
gttgagctga	gccaagatcg cgccattgca ctccagcctg ggcaagaaga gcaaaactcc 1140
atctcaaaaa	aaaaaaaaaga gtcctatggt tccaaagggg accaaacggc cctcattgga 1200

aaaaataggg	gactttatta	tgcaaggggg	ttccagtc	ttggtttgg	tttgggaaaa	1260
gaaaaaaagg	cctacaatcc	aaaaaaatag	ggcccatcac	aggcttcccc	aagggacaaa	1320
attaatccat	tttt					1334

```

<210> 3190
<211> 1772
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1775)...(40)
<223> similar to gi3253120 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

00430302040

<400> 3190						
tttttttttt	ttaagattat	tctaaaatac	aacgtttatt	aaaaaaacat	gcgatcttgc	60
caataggcca	attccatgag	aacaaaagat	tttttttccc	acctacaagt	cttttttagag	120
aaacaaacgg	aactatttcc	agatgaggcg	gggtgtctgg	gaggggctgt	gggtggtctg	180
gggctggtga	ctggtgaggt	tgggtggccc	tctgggggtc	cgggaggcac	tttccgtttt	240
gcttctgttg	gagatgttcc	cgtcggatgc	tgaagaacaa	gcctgccggc	tggggccact	300
cccgacctgg	gctgtggcac	ccgtgtggcc	ctcggccctc	ctggcctgag	aaaggggagt	360
gagaaggagc	cactgtcctg	atatgggcaa	aactcggggg	cactggtctc	atgcttccaa	420
ggccccgtga	gcaggccagg	tggggggatc	cctgggggaa	gccccctacc	cttctccaac	480
ccccagcctt	cggggagccc	ctgccctcca	ggcctgtg	tcggagggtg	ggggaggacg	540
gctcagtgac	ttttggttcc	catgacattg	acagagacag	ggacctcgac	gcacctcca	600
taccgcgtgc	ggggaaatgg	accccaccag	ccagcacggg	gtgagttggg	ggccagtccc	660
tggcagagt	tgggtgtcca	cagagggtct	cttctgcagt	ggcggtatcg	gcgccagcag	720
ggtcccggcc	tcagtgtctg	ctgtgcgggc	gaagggtggc	ctgtgggcaa	gggctggagc	780
tgccccagca	gccgcgggct	ctgcctcacg	acccagtggg	tgccccgtga	tgtggcaggg	840
ctggccttga	gtttcctgct	tctcacgagc	ctggcacccg	caagcccagg	cccctctggc	900
ccatctccac	aacaccctgt	gtggccggcc	cttggggcag	gccctgtggg	ccccacccag	960
cctggctgag	gggoggtgga	gagtgtccgc	ctggacgggt	aggtcagctg	gcggctgctg	1020
gccaccctcg	tgctcgaaag	atgcccctag	cgccccctcc	gttgcatcag	gaccctaggc	1080
cagcctgtcc	cagtgtctcc	tcagctcacc	atggcaggct	caatggtgac	ccccctttta	1140
tataggggga	aactgaggcc	tggcgaaaga	aagatgcggc	ctgagggtggg	acgtgaaccc	1200
gcggccctgc	agcccagaca	gcggcccccg	agtgaccacc	agcttcaccg	aagccccttt	1260
actgtgcccc	cgaggacacc	tgccctgccg	tccccagggc	cgtcacccgc	gatagcggtg	1320
gcgcttgaag	tgaaaaccaca	gctggaagat	gccgttggca	aactggcagc	ggaagccgtg	1380
gcgggtgcgag	tattcccact	cgcggttgac	gatcttgaaa	gcgatgtcct	cgtagggcgg	1440
ccccgcgtgg	aagcgcagga	tggcgaaatc	cttgttgtcg	gcgcaggcct	ccaggaagta	1500
ctcgggcgtg	gagcgcttgt	cgatgaggtc	ggggtagaag	atggtgaact	tgtatccctg	1560
cacgatcttg	ggcgggtggg	tgtcaaagtc	gtagtcgctc	tgggtgtact	tgttccactc	1620
gaagcccgtg	tgacgcgggt	tgaagaagcg	cggcttgctg	ggccgggtact	tgtcggccca	1680
caggtaggcc	ttgcgggtga	gtggcatctc	cacgctgaac	tgcgcctcgt	cttggcccat	1740
gccctccttg	gcccgcggaa	agaagatgtc	ct			1772

<210> 3191
 <211> 1194
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1153)...(365)
 <223> similar to gi4186073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3191
 tttttttttt ttatgatttt aatatacttt atttatttaa aaagtacaca gtttttaaatt 60
 ggtttcaata ggtttcaagc agaagggaca ctgcctacca ctgtcgggtcc catttctgat 120
 gaaggggtgat tatcatgttg caaactcaca ttgtcatgac tggcaaagta aaaagataga 180
 taactttttg tcaacatatc tttaagagtt tatatcacgc acagttttaa atcatgacga 240
 gatgctgatg gttggactat attcatgtct cgtatgttgc accatatttt ggttcacagt 300
 ttatccatga tttagcatgc caagagaaca tctcagtcag taagagaaca tctcagtcag 360
 tgtcaccttg agaagagcat caaaagcaga gggagcagaa ggaggaccgt ctgggcttgg 420
 agactcggcg cccccccaca ctccctcgca ttctcctcag gatggaagcc atgacaagat 480
 tctgggcgcc ttctgatctt ctgggccttt agacgttcac acttaagggga ttcattatgt 540
 tgactgtagt taaggcatgt ttccaaggat tgcttttttc tactctgcat ttcagaggtc 600
 aaaatttggc aatgacaact ctcttaacta ctctctctct ccaacagtgg aaaggatgta 660
 attttccttc tctaataattt ctcccccagg ttctcttacc actgataccc cttactggtt 720
 tccgtggtag tgagtggacc tgcacacaaa aggatatacc tgatttcaat gggtgccatg 780
 gtgatggggg ccacagattc acagaggcag ctgctgtcca ccaccacat gaacagggtg 840
 ctgcttggga tttgctggat gacaaaggac ctggttggaa aagaggtagc gaggcagtca 900
 tttacatccc gtcaattaaa gagccatgag gaagacttct ctctgggtg gtagcaacta 960
 ccatattttg taaagcaaat tttggagact attttactac taatgttacc ttctttctcc 1020
 atgaggctct tcaattacaa atacctagct tcaataggaa aacaacaata gctatgacga 1080
 catgcggctc atacaactca ccttggaag actgaagtgc tgtatgtaca aaacacaaga 1140
 gtcagagttg gctgaatcac ctgttcccaa ggtttaagag gtcagacttt caaa 1194

<210> 3192
 <211> 2148
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2148)...(661)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3192
 cgaaaagaaa gtgggggact ctaaagattt tctcctttta agaaaaaata gttccggctg 60

gggagtacaa	aatggagtgt	aaaaagggcc	ttgggcccc	gggaggcccc	tgtggactaa	120
ggggagtcca	tgcacccctt	ctttccccag	aggggctgga	ctcaggtgag	tatgggggtg	180
ggggctcctg	cacttcgaca	caggcagcgg	aagggttttc	tccccattcc	ctctgcactc	240
ccaacttgag	ctatactttt	taagaaagtg	attcacccctg	cctttgcccc	cttccccaga	300
acagaacacg	ttgatcatgg	gcgatatttt	tcattgtgcc	aaaaagtgtg	catgaccgtc	360
attaaacctg	tttaacacca	aataataagg	aaaataaaaac	aaaaagttcg	ggcatgggtg	420
agaaactcac	tccaaataaa	ttacctacca	aaatatataa	tggtggaaaat	attccaaaaat	480
tccatatttt	gggatttata	cacaaaagat	aaacaaatta	gaggccaaga	ggctgccgga	540
agggaaaaac	ggggcctgga	atggccgacg	tgaggaatga	gctgggccta	aagaggccac	600
tggcaggcag	tagctggacc	tgccgaagtg	gccgaaagcg	aggagctttg	gacggggggag	660
gccgcagtga	ggcgagagct	agctgggcgt	ggagagtcca	ctgtgaggcc	aaggccaagg	720
ccgggcccgt	gcaggccttt	gagaggcagg	aggccggggc	tgcaaaggcc	gactggagat	780
caagttctgc	gcctgaagag	gctgccaaaa	gtcaaaagcg	ggggcctggg	aaggcagccg	840
agagccatga	gctgggctgg	gccgaaagag	gccactggga	ggcaggagga	gctgggcctg	900
gagaggctca	ctcgaggga	ttttgcacct	ggagaggccg	ccgagaggac	ggagctgggc	960
ccggggaggc	cgacttgctg	ctcttccagg	cccaattcca	ggccgacttg	aggacgactt	1020
gggcctgcag	agactgcccg	gaggctggag	ctgggcctgg	agaggccgac	ttcgggacga	1080
tttgacactg	cagaggccgc	cgggaggccc	aagctggggc	tagaggagcc	caccgaccgg	1140
aggccgtttg	gggcctgcag	atgccatcgg	agggcaggag	ctgagcctgg	agaggccacc	1200
gtgaggcctg	agctgggcct	ggggagcttg	gctttgggaa	gctgtgggcc	taccagggcc	1260
actgggagct	gggcaggagc	tgagtccaaa	gatgttggtg	ggaggccaaa	gtcgggcctg	1320
gagacgcagc	cgggaggaag	agctgggccc	ggagaggatg	ccgggaggct	gcaagtgggt	1380
ctggagaggc	cgacttgagg	aggttctggg	cccggagagg	ccgccggaag	ggaaaaactg	1440
ggcctggaaa	ggccgttgtg	aggaatgagc	cccatggggc	tgaagaggcc	actggcaggc	1500
gggagctggg	cctgccgaag	cggccgagag	gcaggagctt	tggactgggg	aggccgcagt	1560
gaggcgagag	ctagctgggc	gtggagagtc	tgctgtgagg	cagaggctgg	gcctgtgcag	1620
gccttcggga	ggcaggaggc	cgggccttgt	cgaggcctgc	agaggccgcc	aaaagtcaaa	1680
agcggggcct	gggaagcccg	cccagaggca	tgagctgggc	tgggccgaaa	gaggccactg	1740
ggaggcagga	ggagctgggc	ctggagaggc	tgactcgagg	aagttttgca	cctggagagg	1800
ccgccgagag	gacggagctg	ggcccgggga	ggccgacttg	ctgctcttcc	aggcccactt	1860
ccaggccgac	ttgaggacga	cttgggcctg	cagaggctgc	cgggaggcca	gagctggggc	1920
tggagaggcc	gacttcggga	cgatttgggc	ctgcagagcg	caccgggagg	cccaagctgg	1980
gcctagagaa	gccccaccgac	cggaggccgt	ttggggcctg	cagatgccat	cggagggcag	2040
gagctgagcc	tggagaggcc	accgtgaggc	ctgagctggg	cctgggggagc	ttggctaggg	2100
aagtttgtgg	gcctaccagg	gcctctggga	gctgggcagg	agctgagt		2148

<210> 3193

<211> 625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (626)...(215)

<223> similar to gi306782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3193

taccttttta	aaatttttta	tttttttatt	tagtggcctt	ttagattatg	gtgatcttca	60
cctcatctcc	acctgtctcc	ccacattaga	caggggtctt	atgcttgcta	ctgtgagggt	120

aaaggggttga	ctgggaaggg	gtggtaggga	catggtaggg	gcagagcctc	cagccccact	180
tccccagggtt	ttgctgacag	tggccggctt	ttagatgatg	gtgatcttca	cctcattggt	240
ctcatcagtc	tggtaaaaa	aaggaatgca	agggctgctg	ccaagcctg	ggtgctcctg	300
gaggttctgc	atctcatgaa	gcagttgcat	gatctgctgc	tcagtggggt	tgtcacaggg	360
agaatgcttc	cccgctctc	cttgtgcaga	ctccccactg	ctggcaaggc	tcacctaca	420
aagatctttg	gagagagggg	ggcaggggtg	tgtgggagcc	ctccccctg	cctgcgtgcc	480
cactgtgcct	gaggactcta	ctcactaccc	tggcttgctc	gtagcccaa	gctactgggg	540
gggccggggc	ccctggagtg	ggctcatcag	cagggttctg	ggcagctgcc	aggaatctgc	600
tatgccactt	gttgcagtcg	tccac				625

<210> 3194
 <211> 2434
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2434)...(2145)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3194	
accagtaata	atagttttat
cttaagagta	acagtctaga
agcttgaggc	ccctgagccc
gccctgaatc	agtcctctcc
acagctcatg	cggaggactg
caattacacc	atcaccccca
ggaagatgaa	tactgataaa
ggctgattgg	aggaaaggtc
ctaagaaaaa	gggaaaacca
ctggcatggc	ccacaacctg
aggagaggtc	aagggtcttg
agtcctgggtg	cagcaatggc
ctcctgggcc	tgggtcaggc
gctgcgctgg	gggcgactgg
gcctggcccc	tcctctgtgc
actgataggc	aggttcagct
tagcaaaaagc	tcactctctt
agcggggcta	tgggcaaaat
gcgctgggcc	acagcagcag
cagcaggtcc	tcttcagagc
gctgggctgg	tgggtgggtg
gcggggccgc	tcactccctc
agtgcagttg	ggcagggggc
ttaccctgcg	gccaggatac
tctcaaaggc	tggcaggggc
ggcactcccc	attgggttgt
actgggacac	cctcactcat
gcgctgcctg	actggaaaga
aatagtcatc	aatgtgaaaa
ggagtggggg	ccaggcctca
gggaggagac	agctgagggg
tgccaggccc	ctggagggca
gaaacaggta	ggaaacggaa
acttgtgact	atgagggttaa
gcccagtaaa	gcccagtcctg
acctctgaag	aataaatatt
agtcaacgca	gctgacaggc
cacaggaaac	agctgtgcgg
gactccttgc	gactccttgc
ctgagctgcc	aagggtgtggg
tagttgagca	ggttgccttg
tgaaccccca	tcctcttggg
ctgccctcgg	tgtgggaagt
ctctggcgct	cttcctcagg
cctgggaaag	ccagagtcag
tggaaccact	catctctgtc
gcacgcgctc	caaaggctgt
aatgcccgtc	gccagctgac
ctgagtggtta	ggggtgctgg
gtgctgggca	ctgggctggg
atggcctggc	gggtagcgta
cttatcctca	gagaactcta
gggttggttag	gggttcagct
cctggcagta	cccagagagt
ccgggggact	ggctggaata
cctcagccaa	ggggcgcccg
gcttctctaa	cactcgggca

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atgactgagg taggcaccac agcccctggg gctaggctgg gagcaggacc tgggctggcg 1740
gcctcttgac cactgtgcaa atgtttccga accatgtcct gtagctcaca gggcagctga 1800
ggtaaaagag caggaaagag agacatcaat gatcgagcc aaagataact tgactcatgg 1860
cgaaagtaat ggctcccacc ttttaagtacc tctgtgtact cagcactctg ctatctcctg 1920
ttcttacagc atgccagtgt gtataccctc acttcacaga cacataggcc tggagagggg 1980
aagacaactc aaagcttttg ttaacttggc caagatttaa acccggatct gctgctgcag 2040
ccagcatgtt ctcaaacttc tatctcccag cttctgcca aaccatactt aagtttgagg 2100
aatctgcata gaccagtagc cttagaaata cctctacttc tgggccgggc acagtggctc 2160
atgcctgtaa tcccagcact ttgggaggcc gaggcgggtg gatcacgagg tcaggagatc 2220
gagaccatcc tggctaacac gatgaaaccc catctctact aaaaagacaa aaaaattagc 2280
caggcgtggt ggtgggcgcc tataattcca gctacttggg aggctgaagc aggagaattg 2340
cttgaagccg ggaggcggag gttgcagtga gccgagattg tgccactgca ctccagccta 2400
ggtgacagag caagactccg tctcaaaaaa aaaa 2434

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<210> 3195
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (727)...(254)
<223> similar to gi2317934 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3195
tttttttttt ttgctcagca atctttattc agttcttctt gggggtggga tgcctccctt 60
cccatgctcc caccctccc atcccagaac tccgttgggc tcagtgtcct ctgttgaggg 120
aaggctcttg tgcccagatg cctactctgc aggagaggga ggaaccttgt ccctttgcgg 180
gagtcgctgg tctcttctgt tgtggggaag aaggaagggtg ggagggggcac tgtccaccag 240
cactcagagc tccattatgt cccagctgg ggttgcaggg tagggggggac tgggggtgtc 300
ccccagcctc agcagacgga gggcctcagg gatgaggctg ccaggatagc gccagagaag 360
cagctcagag caagggctcc tgagtggggg cagggtctgg gagaagggtca tgggggggct 420
gcagtagggg tggctcattgt gcaggctgag ttgagagaag tgggtggcca tgttctcctc 480
agacagaaac tgcttgcgca gaggtccctt ggggagagat ggagagagg caggctggga 540
tactgacaca ggaggcagcc tgttggggac cagaggtgac agagatcttg ttgggagtcc 600
ctccctgccc ccaaactcac tgctcctcct ccaggcgccg cttggtgctc atgggcacag 660
ctcctcggag aggggagctg ggaaaaaaag agagcctggt gcaccccacc ctcttgcccc 720
cttcccaagg atctgcccgc ctaagcctgc agcatcagcc ag 762

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<210> 3196
<211> 5947
<212> DNA
<213> Homo sapiens

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<220>

```

<221> misc_feature
 <222> (144)...(380)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3196

acgccagtgg	acaaaatctc	ccagatacgc	ctttcccat	gcctatgacc	cagaatacta	60
cttttattcc	agatcaatcc	tggcacttca	ttcccatag	acttcagttt	gcaccaatcc	120
cccatccgaa	ctgtaacagg	tttttttttt	ttttgagatg	gagtctcgct	ttgtcgccca	180
ggccagactg	cgactgcag	tggcgcaatc	tcggctcact	gcaagctccg	cttcccgggt	240
tcacgccatt	ctcctgcctc	agcctcccga	gtagctggga	ctacaggcgc	ccgccaccgc	300
gcccggctaa	ttttttgtat	ttttagtaga	gacgggggtt	caccgtgtta	ggcaggatgg	360
tctcgatctc	ctgacctcat	gatccacccg	cctcggcctc	ccaaagtgtc	gggattacag	420
gcgtgagcca	ccgcgcccgg	ccttcctttc	cttttttttt	tgagatggag	tcttgctctg	480
tcgccagggc	tggagtgcag	tgggtgcgatc	tcggctcact	gcaagctccg	cctcccgggg	540
ttcacgccat	tctcctgcct	cagcctcccg	agtagctggg	actacaggcg	cccaccacca	600
cgcccggcta	atTTTTTgt	atTTTTtagta	gagacgggg	ttcaccatgt	tagccaggat	660
ggtctcgatc	tcttgacctc	gtgatccgcc	cgctcggcc	tcccaaagtg	ctgggattac	720
aggcgtgagc	cactgtgcct	gccccagaat	gggtttttta	agccacagtt	gagaggccac	780
ccattgcccc	gcgccctggac	agtgatcatc	ttgttcatct	tggtcagtc	tttcttgtgt	840
gatttgaatt	attcatcccc	tttgaaagat	gagaagggtg	agatgcaaag	agtctacctt	900
tccaagttct	cactgctgga	aagagctaga	agcacagttc	aaagttctgg	cttctggact	960
ctgcagtcca	ggtctccctt	ctcccacttg	cctaccctca	atgccacact	gtttttgaag	1020
tggcccataa	cttgaaggaa	aagttttaaag	acagttcaat	ttaatcatca	gaatgcattc	1080
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agtagagacg	gggtttcacc	ttgttagcca	ggatagtctg	gatctcctga	cctcgtgatc	1320
cgccccctc	ggcctcccaa	agtgtctggg	ttacaggcat	gagccaccac	gcccggcccc	1380
tggtcagacc	ttccagaggg	ggttcagggtg	gaaggcagac	tcagaatttt	ccgaatttaa	1440
tgctcgcgc	ttctcctgaa	tggctgagga	gtggagggtc	gggggtgggg	cccaatttaa	1500
cccatgtttt	aacaaacct	actctaaac	ggcctgacat	gtcacaagga	ccaccgcac	1560
acaggccagt	tcccctcact	ggatgcccac	actggtgtaa	acttaggaag	aggctgggca	1620
cactggctca	ctgctgtaat	cccagtgtct	tggaaaggctg	agggtgggaga	atcgcttgag	1680
gccaatcaca	cgactgcact	ccagcctggg	cgacagagtg	agaccctgtc	tctaataaaa	1740
aataaaataa	ggaagaaaga	actgttctgt	ctgtggggct	gggccacgcc	cagtgcctgg	1800
gtgggcagga	gaacactctc	cccccaagcc	gactcccccc	ttcagccctc	cctcgtctca	1860
cccactctgc	tctccccctc	ccccctcccc	tgcagctgga	gctgttgtca	gaggagggga	1920
ggcatttctt	gtgtccccct	ccccctaatt	cccctacatt	cctggcaagc	ccagaggagg	1980
cctgagagaa	ccagagaggg	atgggcggga	acaggcgaga	ggccgggagg	gaagccaggc	2040
cccaccacac	acacaagact	tggagagcag	ggccagggaag	gaaatggggg	aagggatgaa	2100
gcgatgcccc	gagaggggct	ggaaaggacg	cccaccgtca	tcagagggtg	gtctctgctg	2160
ggcacggcca	cgccccctcc	acccctcagc	ctgcctcctc	agggcgtcta	gcaggctgct	2220
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cccaaagaac	tgactgcgcc	ctgagagtca	ggcgcccaat	ggggcggtgg	agggcccagc	2340
ccagcaaggc	ccctccggga	caccaggaga	caggagggca	gagtcagggc	gaccaccag	2400
cagccacca	gcccccgagc	agctggccag	agtgaaggcc	acagcctgcc	cttgtctgga	2460
gcttactgtc	tggggaggga	gatgaagggtg	gcacttcaac	gccagggtcc	aggaggcggc	2520
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cacggcatcc	agcctggggc	agcctccagc	agaagggggc	actccagaga	tcagggtggg	2760
agctgggcac	ccacctgagt	ggcatcagtg	acttctctaa	aaaaaaaaag	ccccagagag	2820
acccaccctt	tctcaccatg	ggaagacaca	ggagttgggtg	ggtctgggga	agccctcacc	2880

acacaatgaa	tctgccgggc	tctaccttta	gcaatgggca	ggacaggcct	gctgcgctga	2940
ggccacgcac	agatggggag	gcacaccacg	cagcctgtcc	ctgactgtgg	aggggtgaagg	3000
gagggacaga	cccaagggac	ctgggtagat	ttctccagca	agagtcgtct	ccagatcaca	3060
tttaggaatc	tgcagtttca	ccactgccct	gatacagact	gccgtcctcc	cccagggctc	3120
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caagtgcctg	cctccagact	tgtcaccccg	agggcgaaag	aggcaccag	caagccgaag	3420
ccatcgggag	tgggtgcatg	tgtgtgtgcc	catgggtactg	atgtgtgcat	ccatgtatgc	3480
ccatgggtgc	tgatgtgtgc	gtgcacgtgt	ccacgggtgc	tgggtgcatgt	gtgtacatct	3540
gcccgtaggt	cctgacgagt	gcgttgagtgt	caggtgtgtg	cgcccacggt	gctgatgtgt	3600
gtgtgcacgt	atgtccgtcg	gtcctgagtgt	cgtgagtgtg	gggtgtgtgcg	tgagtgcagg	3660
tgtgtgcgct	cacggtgctg	acgtgtgtgc	acgtgtgccc	atgggtcctg	atgaatgtgt	3720
gagtgcagggt	gtgtgcaccc	acaggactga	cgtgtgtgtg	cacgtgtgcc	catgggtcct	3780
gatgaatgtg	tgagtgcagg	tgtgtgcgcc	cacagtgtgtg	acgtgtgtgt	gcactccatt	3840
ttcacgctgc	tgaagaagat	atacccgaaa	ctgggaacaa	aaagagggttt	aattggactt	3900
acagttccac	atggctgggg	aagcctcaga	atcatggcgg	gtgggtgaaag	gcacttttta	3960
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caagttgaga	ttgggggtggg	gacacagcca	aaccatatca	ccgtctctac	taaaactaca	4200
aaaattagct	gggcatggta	gcatgtgcct	gtaatctcag	ctattcagga	ggctgaggca	4260
tgacaatcac	ttgaacctgg	gaggagacag	ggtgagactc	catctccaaa	gaaaaaaaga	4320
agttttaagt	ttgaaagggt	taaacagcct	ttctttttta	acaaacaact	gttagcacag	4380
agaggaaaga	ccccttccta	cagcccaaaa	tgagaggaat	cccagctcca	tggaagcaac	4440
cgtccagca	cccacagcag	cctcctgggt	gagggccctg	ctgtgtcgga	atctccccaa	4500
tgccccatcc	ctgtggggaa	gcagctccag	tgtcatcaa	cacccaaaac	aaacgcatca	4560
gggggtcaaag	ggaccagga	attccagAAC	caaagagaaa	aacctcaaca	gaggcgttcc	4620
tgaacatgtc	aggaacggag	ctatgagcac	gggtcttca	tcggggttcc	taagttacgc	4680
aaagacagca	atcaggaact	cagcaatcag	gagccagagg	atggccacat	actcacagtgt	4740
gagggcactg	taccctctt	ggtggaacac	cccaggttgg	ggtgcacggc	ctaaagcagg	4800
cctagcgtctg	tccccagccc	cacacagtga	gccctgccat	tttctgttta	caaataaaaa	4860
gcttcatgtt	ttctcaccat	ccatgcacaa	ttctgtctct	tgcttatggg	atctaaaaca	4920
ctgcaggagg	tggctcaggg	cctctagagg	cacagacagg	gggccctaca	ggccctcagc	4980
cctggctccc	caatccaggg	gccacagaag	caggtggccc	agggggccagg	agagcagcag	5040
acacgcattt	ccggcttgct	gaactccctg	gaggggtccag	gccagtcggg	gcagcccttc	5100
ctttggagat	aaatatcaaa	cctcaagtaa	acggcctctg	agtgcagcag	gtgaacttct	5160
gagagctggg	tggagccacc	tggggtagcc	agccacagcc	tgtgcgctgt	ccctccaagt	5220
acagataaag	gcaggtggcg	ctgcagtggg	ggtcgggggg	tggggagcag	gaccacttct	5280
ttttgggaaa	tgtggctgcg	tgaatgggag	agtccacagg	ccctgtgctc	aatcacagta	5340
aatgccactc	ctcacgtctt	ctccctatcg	gagcaaccag	cccttgctca	gtgtgaacca	5400
aagaaaagaa	gagcttgaaa	gatcacaagg	agattgctca	attctcaaca	gctctgagag	5460
gctgcctgcc	ccaggaccat	cctgatttcc	cttcaggagt	gtagggcctg	taagaattcc	5520
tgcccgggca	gggaggctga	ggcagtgacc	aggagccaag	gtgcaactgt	gggggtggagg	5580
caacgggggc	tgccaaggac	tctccctccc	aaaaagacag	gagccagggtc	caaggcacat	5640
ttaaagataa	acgctggccg	ggcgtggtgg	ctcacgcctg	taatcccagc	actttgggag	5700
gccagggcgg	gcggtacacg	aggtcaggag	atcgagacca	tcttggttaa	cacgggtgaaa	5760
ccccgtctct	actaaaaata	caaaaaaatt	agccggggcgt	agtggcgggc	gcctgtagtc	5820
ccagctactc	aggaggctga	ggcaggagaa	tggcgtgaac	ccgggaggcg	gagcttgacg	5880
tgagccgaga	tcccgcact	gcactccagc	ctgggcgaca	gagtgagact	ctgtctcaaa	5940
aaaaaaa						5947

<210> 3197
 <211> 2210
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (378)...(1660)
 <223> similar to gi28969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3197

cggacgcgtg	ggcacttgcc	tccctgcctg	cttctggctg	ccttgaatgc	ctggtccttc	60
aagctccttc	tgggtctgac	aaagcaggga	ccatgtctac	ctttggctac	cgaagaggac	120
tcagtaaata	cgaatccatc	gacgaggatg	aactcctcgc	ctccctgtca	gccgaggagc	180
tgaaggagct	agagagagag	ttggaagaca	ttgaacctta	ccgcaacctt	cccgtggggc	240
taaggcaaaa	gagcctgaca	gagaaaaccc	ccacaggagc	attcagcaga	gaggcactga	300
tggcctattg	ggaaaaggag	tcccaaaaac	tcttggagaa	ggagaggctg	ggggaatgtg	360
gaaaggttgc	agaagacaaa	gaggaaagtg	aggaagagct	tatctttact	gaaagtaaca	420
gtgaggtttc	tgaggaagtg	tatacagagg	aggaggagga	ggagtcccag	gaggaagagg	480
aggaagaaga	cagtgcagaa	gaggaaagaa	caattgaaac	tgcaaaaggg	attaatggaa	540
ctgtaaatta	tgatagtgtc	aattctgaca	actctaagcc	aaagatatatt	aaaagtcaaa	600
tagagaacat	aaatttgacc	aatggcagca	atgggaggaa	cacagagtcc	ccagctgccca	660
ttcacccttg	tggaaatcct	acagtgattg	aggacgcttt	ggacaagatt	aaaagcaatg	720
accctgacac	cacagaagtc	aatttgaaca	acattgagaa	catcacaaca	cagaccctta	780
cccgcttttg	tgaagccctc	aaggacaaca	ctgtggtgaa	gacgttcagt	ctggccaaca	840
cgcattgccg	cgacagtgca	gccatggcca	ttgcagagat	gctcaaagtc	aatgagcaca	900
tcaccaacgt	aaacgtcgag	tccaacttca	taacgggaaa	ggggatcctg	gccatcatga	960
gagctctcca	gcacaacacg	gtgctcacgg	agctgcgttt	ccataaccag	aggcacatca	1020
tgggcagcca	ggtggaaatg	gagattgtca	agctgctgaa	ggagaacacg	acgctgctga	1080
ggctgggata	ccattttgaa	ctcccaggac	caagaatgag	catgacgagc	attttgacaa	1140
gaaatatgga	taaacagagg	caaaaacggt	tgcaggagca	aaaacagcag	gagggatacg	1200
atggaggacc	caatcttagg	accaaagtct	ggcaaagagg	aacacctagc	tcttcacctt	1260
atgtatctcc	caggcactca	ccctgggtcat	ccccaaaact	cctcctcccc	ctccttcttc	1320
ccaaaggctg	ccaccacctc	ctcctcctcc	ccctcctcca	ctcccagaga	aaaagctcat	1380
taccagaaac	attgcagaag	tcatcaaaca	acaggagagt	gccaacggg	cattacaaaa	1440
tggacaaaaa	aagaaaaaag	ggaaaaagg	caagaaacag	ccaaacagta	ttctaaagga	1500
aataaaaaat	tctctgaggt	cagtgcgaaga	gaagaaaatg	gaagacagtt	cccgaacctc	1560
tacccacag	agatcagctc	atgagaatct	catggaagca	attcggggaa	gcagcataaa	1620
acagctaaag	cgggtggaag	ttccagaagc	cctgcgataa	aaacatgatc	tttagaagag	1680
gatgcagaac	tgttcagtgg	tattacatga	aatgcattgt	gagatgtttc	taaaatacct	1740
tcttcaattc	aaaatgatcc	ctgactttta	aaataatctc	acccattaat	tccaaagaga	1800
atcttaagaa	acaatcagca	tgtttcttct	gtaaatatga	aaataaattt	cttttttatg	1860
tcgtgagatt	tgtattggca	agaagcagtt	aattttaaaga	tgctcttctc	atctgtggat	1920
gtgttggtta	ctccgagttg	taatgagttc	atgaaatgtg	ctgttatatt	tgtaatctca	1980
ataaatgtgg	attgaagttt	tttccctttt	tttaaagcca	aactaatatt	tttctgtgac	2040
ttgatacatc	tgtcagattt	ttgtaatctc	gataaatgtg	tattgaagtt	tttccctttt	2100
ttttaaaaag	ccaaactaat	atttttctgt	gagttaatac	atctgtcagg	tgtgtatgta	2160
acattactgg	acattaaaaa	aaattattac	attctcaccc	aaaaaaaaaa		2210

<210> 3198
 <211> 2041
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (2033)...(1278)
 <223> similar to gi998472 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3198
 atcttttcggg caatgtaact actacagcaa aatgagatat gatccattaa acaacatatt 60
 cgcaaatacaa aaagtgtttc agtaatatata tgcttcagat ttagaagcaa atcaaatgat 120
 agaactccac tgctgtaata agtcacccca aagatcaccg tatctgacaa aataactacc 180
 acagggttat gacttcagaa tcatactttc tcttgatatt tacttatgta tgtattttatt 240
 ttttttaatt tattttctct gagaccggcg tctcgctcct gtccgcccag gctggaagtg 300
 cgatggtgtg atctcggtc actgcaacca gccacctccc tgggttcaag cgattctcct 360
 gcctcagcca tccccgagta gctgggacta cagggtgccg ccaccacgcc caagctaatac 420
 tttatacttt taatagagac ggggtttcac cgtgtcggcc ccgatgggt ctgatctct 480
 tgacctcagt gacccgcccc gcctcggcct cccaaagtgc tgggatgaca ggcgtgagcc 540
 actgcagccc ggccttctct tgacgtttta actatgaagt cagtccagag aaacgcaata 600
 aatgtcaacg gtgaggatgg tgttgaggca gaagtaggac cacacttttt cctatcttat 660
 tcagttgata acaatatgac ctaggtagta atttcctatg tgcctactta tacacgagta 720
 caaaagagta aaacagagag actgctaaat taaagggtac ggtgaagttc ttcataagta 780
 actcccgtaa acttggaaca cttgtccaaa aagccagcag ctaggtgaat tgtttccatg 840
 tatttttctc atgatccaat aagtgaacta tgctattcct ttccagtcct cccaagcact 900
 tcttgtcccc atcaccactt ccggtgcctc gaagaaaaaa ggtaacaaat caaggaacac 960
 aacctaaaga aacacacaca caaaccaaag acaactacag cgtctgcaaa agtttgctag 1020
 aagactgaaa cctgttgagt ataaggatct ggtattctac gatgatcaat gagttcactt 1080
 tcagagtttg ttcaagacat acgtttccgt aaggaaacat cttagttaga agttattcaa 1140
 gcagtaggta ccatccctaa gtatttttca ccaaattccg tgacaaataa aagagcctat 1200
 ctaaccagaa aaaattaagc cgagtaccgg caccatccca tagggctttt gtcttttacg 1260
 cttcattagg cactttccca tgccttaca tgtctaggat tgaccctgat agcatttccg 1320
 aaaacaagct aatgctttgt ccagttcctt cagtgaagac caagctcacg cccctaatac 1380
 gctatgggca taagcatcat tttggattcc acttcgagag ttccctggaa gaattgaatc 1440
 ggcaatatcc gtgttcccgg ttgcagaccc gaaacaagtt ccctgcaagc acaccaggcc 1500
 tcctggttgg gcgaattttt tatcccatgt ctgtgaagtc ttttgggaca gaactgaaag 1560
 agcaacctct ttcggaggat gccaaagtgt tgtagagtag atctccatgc cttcgactct 1620
 gtaatttcta atcctcctaa cctctgagaa ttgtctttca gcttgctggg actctgaaag 1680
 tttacaatag gcccttccga tttggcacag taccaccccg gtattgcagt ggtgagaagc 1740
 tagatggctc aagatactga tagcttcttt gccgtggtaa gaacacaaag ctaaataacc 1800
 tttccccctt tcacgaagaa ggctcatcaa gccttccgct ggtgcttttt gtagattaaa 1860
 agcctgaatc tgaggcgcga ttgcggctat cttcccttct gaaatgacgg aagagtccaa 1920
 ttttgtcact tccaggctat cacttatgtt cgggtggaagt tattgcccc tttattaagt 1980
 tttacttttg gttcttctcg tttgggaatt ttaagggtgg aaacttcaat ttttaaattt 2040
 c 2041

<210> 3199
 <211> 514

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(273)
<223> similar to gil710216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3199
tttttttttt ttaaaaggga gtcttactct gttgctaggc tggagtgcag gggtgcaatc 60
taagtccct gcaacctcca cctcctgggt taaaacaatt ttctgcctc agcctcccga 120
ggactgggaa tatagggtgca cgccaccaca cccaacaaat ttttgactt ttagtacaga 180
tgagggttca ctatgttggc caggatgggc tcgatctctt gacctcatga tccacccacc 240
tcggtctccc aaagtgtctg gattacaggc ttgagccacc gggtgaccgg cttacaggga 300
tatttttaat ccggttatgg actctgtctc caggagaggg gtctatccac ccctgtcat 360
tggtggatgt taaaccaata ttcttttcaa ctgctgcctg ctagggaata actactcctc 420
attatcatca ttattattgc tctccactgt atccccctta cctggcatgt gcttgtcaag 480
ttctagttgt tcaataaatt tgtaataat gctg 514

<210> 3200
<211> 1267
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> similar to gi5457053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3200
gacgccacgg acacgtcgcc ttctgtgctg tactcgatgc agacggctac gacgccctgc 60
gctgagctgg tgcacgagtc ggccgagcgg atctacatgg tgacaacggg ggtgacgggt 120
aacgacgact ctgcctagaa tgtctggctg tcgtaccagc tgctcaaggc cactgacct 180
ggcctgttcg gtgtgtgggc gcacgatgac gaggtgcgca cgtccaggat gctgagcgag 240
cgcgtcgag ccaagcagag gctgggtggt ctggtcaagg acaatggcga gccttcgcgc 300
tcggccacgc cacagctgca cgtggttctg gtgacgggct actccaagcc ttctctcgct 360
tcctatagct ggcccccgcc cagaccaggg ccaactcgct cactgtctac gtggtggtgg 420
cgttgccctc ggtgtcgtcg ctcttctctt attcggtgct cctgttcgtg acggtgcggc 480
tgtgcaggag gagcaggtcg gcctcggtgg gccgtgctc gatgcttgag ggcccccttc 540
cagggcgtct ggtggacgta agcggcaccg ggaccctgtc ccagagctac caatacagg 600
tgtgtctgac aggaggctca gaagcaagt agttcaagtt cctgaagccg attatcccc 660
acttctctcc ttagggcact aggaagaaa tagattaaaa ttccaccctt cacaatagct 720
ttggatttaa ttattgatag gaaccattt gataaattcc ttaacttctt atgattgtct 780
tggtgattaa attgttcatt ctcaccacca ccaataaggt atttttctct gattgttagt 840
tcaattata ttgttaattc cagtttccct ttctctcata ttaccaccga agaggtgttg 900

catatagaat	ccaattaac	aaaatatact	ttatcttcaa	agttgatgtc	atttaaaatt	960
tttccgtctt	tatatattat	ttacttccta	ttcatttttt	gctccatttt	tcatgttact	1020
tctcagtttc	ctagaacttc	aagtattaaa	ataacctgtt	gcatgtatta	ggcatatttc	1080
ctatgtttaca	tttcttttgt	ctattttcct	ttcaaaattg	gtatttttgt	tgggctcaat	1140
tttcattata	atacttttct	taaagccgct	ttctttcttt	tcttttcttt	cttttttttt	1200
tttccttttt	ggaaacgggg	ttttcttttt	gcccccccg	ttgaagggca	gggccaatt	1260
ttgtgtg						1267

<210> 3201
 <211> 875
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(876)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (13)...(766)
 <223> similar to gi2393894 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3201						
tctggcggaa	ttacacagaa	ccctacctga	gcaggcaccc	ccaatttgct	caatattttg	60
ttgacttcag	agaaacaaag	aatggtttta	gaaaaagcta	aggaaaaggc	tgatcttatt	120
cacactgact	ctcccagtaa	tccagtaagg	gcagctgctc	atattgcagt	tcccacctct	180
gacctgggat	ggaatataaa	cactggagat	agatctaacc	ttgaacacta	tcaaaactgc	240
atthttgatca	gcctctgcaa	gggagtgcc	aagcaaagga	gcctcaataa	ggtccaggat	300
ggtcaagcag	aagcctaata	agggttgctt	tgggaattctt	agaacaagtc	tttgaagctt	360
tcagagaata	aatggatatt	gaccacagaag	ccccagaaaa	tttgatgata	gctaacatga	420
tgthttatcca	acaaagtgcc	ccagatatct	agagaaagtt	acaaaacgta	gctgaggcat	480
tggacatggt	tttgtctcaa	ttagtgaaga	ttgtttttta	tgtatttact	gatcacaagt	540
ttaaagagtg	gaaaataaaa	cacaaggaat	aatgaaaatg	gcaagctgac	ttgttatctg	600
tggctctgac	cctagtagtc	cctggaccac	aacaagggcc	gtcatcagac	actccatcta	660
tggtagaacc	acctgggccc	ccaaaagcca	ataaaaacgg	acatcccatt	gcagggtccca	720
accagtgtgc	ttactgcaac	aggggggaca	ctgaatggaa	aattttctcat	gccttacaaa	780
gcctgatgtt	aaacagtcag	ccttctgccc	accaaagccc	tgggatagct	gngagacttg	840
agagagatac	taaagaanaa	gaccagaaat	ggtaa			875

<210> 3202
 <211> 1545
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(754)
 <223> similar to gi6002478 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3202

agtgtggtgg	aattcctttgt	attcatcagg	gagtacacac	agggaaaaag	ccctataaat	60
gtgaagagtg	tgggaagggc	tttgatcaga	gctccaacct	tcttgtccat	cagagagtcc	120
acactggaga	gaagccctac	aaatgcagtg	agtgtggcaa	gtgctttagt	tcaagctccg	180
ttcttcaagt	ccactggagg	tttcacacag	gggagaaaacc	atataggtgt	ggtgagtgtg	240
gaaagggctt	cagccaatgt	acacaccttc	acattcacca	gagagtccac	acaggggaga	300
aaccatacaa	atgcaatgtg	tgtggaaaagg	attttgcgta	tagctctgtt	cttcacactc	360
atcagagagt	tcacactgga	gaaaaaccat	ataaatgtga	agtgtgtgga	aagtgtctca	420
gttacagttc	atattttcac	ttacatcaaa	gagatcacat	cagagagaaa	ccatataaat	480
gtgatgagtg	tggtaaaggc	ttcagccgga	attcagatct	taatgttcac	ctcagagtcc	540
acacaagaga	gaggccctat	aagtgtgaagg	catgtggtaa	gggcttcagt	cgtaattcat	600
acctccttgc	ccatcagaga	gtgcatatag	atgagacaca	gtacacacat	tgtgagcgtg	660
gaaaggacct	tctgactcat	caaagactac	atgagcagag	agaaacatta	taaatgtagt	720
aagtcagggg	tcaattagta	aaacagaagc	cacactgtat	tccagatgat	agaggcttac	780
tcagcctgtg	ggaggggctag	gggagcaaaa	gacagggaca	ctgccatcga	taatgtcagc	840
ctgcagcact	gaagtgtgcc	aggccaagga	ctgtggattt	caagaacttc	tgtgaagctc	900
ccatcaactg	ctgtatgcta	caatggcaag	aggttacttt	tgacaaatgg	gtgggtttgtg	960
gtagtggttg	tagtttagtg	tcaaattttcc	attaaagggt	gtgtccagga	aggaaattct	1020
aattgggatg	atcatggtaa	ggtcttcagt	tcagccaacg	tcttttagatt	tttttttagt	1080
cccagtaga	aaaatactct	ctgtatgaag	aacattcaaa	agtgtgctca	aaaatgaaac	1140
ccatgctctt	actatgaaag	aacgtttagta	cccaggtttt	ccatgagatt	ctctacacag	1200
gcaagaagct	ccatagaagt	ggcatttgaa	gggtgtggca	gaggcagtgc	tgtgtttatc	1260
acactggttc	catttccttg	caaataagaa	gtctatttcc	cagtaaccct	tgcagttaag	1320
agtgtgcccc	tgtgattgag	ttctagccaa	tggagtgtga	gcaaaaagtga	tataagccac	1380
tttcaggtct	agcctttaca	aacatcctca	ggcttctcta	tccctgccaa	ggtgaccttg	1440
gaggctgctt	attccagact	gggttgatag	aaggtcacta	cttcatctgt	gttggatttc	1500
tttttagagt	aagaaataaa	agttcattgt	gtctcaccac	tgaaa		1545

<210> 3203
 <211> 441
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (52)...(376)
 <223> similar to gi2072955 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3203

cccacgcgtc	cggacatatg	ctactcaaac	tgtcaagaga	cagagacaaa	tagaatcttg	60
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aaagtagcaa	gacaaaaaatt	actttttcatg	tacatgggct	cctcaataac	attaacagct	120
gacttctcat	cccacatcat	gaaggccaaa	aggcaatggg	atcatatat	caaagtgcta	180
aaagaaaaaa	ctgccattca	agaatttctgt	atccagcaaa	actatccttt	aaaatgagga	240
gaaatttaaga	cattcccata	taatcaaaaa	ctgagagAAC	ttgtcattag	cacacctacc	300
ctacaagaaa	tactaaaggg	agtccttcat	actgaaatga	aaggatacta	gacagcaatt	360
caaatccaca	ttaagaaata	aggagcacca	ataaagactg	tatatatgta	tataattgat	420
agtataaaatt	tacttttctt	t				441

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<210> 3204
<211> 1859
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (444)...(1058)
<223> similar to gi337485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3204						
accagtccc	tgagagagct	catctcagat	ctggagcatt	ggctgcaggg	gtcagtgatg	60
gagctgcttc	aggggtgtgga	tggcgtcata	aaaaggacgg	agaacgtgac	cttgaagaag	120
ccagaaactt	ttccaaaaaa	tcaaaggaga	gtgttttcgag	ctcctgatct	gaaaggaatg	180
ctagaagtgt	ttagagagct	gacagatgtc	cgacgctact	ggggtaagga	gaagtccat	240
tatcataagc	cacctgtcgg	cttatcatta	ttattatctt	tatcttttag	aattttatgt	300
tctctattag	gctcatgttt	taagatttat	gattctcctt	ccaagacaca	cataacttac	360
ccctccttat	aacttctaaa	caaggttcct	cccagttttc	tctcaagtct	ttatcaagat	420
ttctctcata	tcacaaataa	agttacatta	tatcccttag	ctgacctgtt	aatttttcta	480
cagttgatgt	gacagtggct	ccaaacaaca	tttcatgtgc	tgtcatttct	gaagataaga	540
gacaagttag	ctctccgaaa	ccacagataa	tatatggggc	acgagggaca	agataccaga	600
catttgtgaa	tttcaattat	tgtactggca	tcctgggctc	tcaaagtatc	acatcaggga	660
aacattactg	ggaggttagc	gtgtccaaga	aaactgcttg	gatcctgggg	gtatgtgctg	720
gcttccaacc	tgatgcaatg	tgtaatattg	aaaaaatga	aaattatcaa	cctaaatacg	780
gctactgggt	tataggggta	gaggaaggag	ttaaattgat	tgccttccag	gatagttcct	840
tccatactcc	ttctgttcct	ttcattgtgc	ccctctctgt	gattatttgt	cctgatcgtg	900
ttggagtttt	cctagactat	gaggcttgca	ctgtctcatt	cttcaatatc	acaaaccatg	960
gattttctcat	ctataagttt	tctcaactgt	ctttttctca	gcctgtattt	ccatatttaa	1020
atcctagaaa	atgtggagtc	cccatgactc	tgtgtccacc	aagctcttga	accttcttac	1080
acactcagcc	ccttctgtac	agcacctctt	gtccagggtgc	atctcataca	cctgaactca	1140
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cactcatcag	taaaatgtaa	taattgcctt	gtgccatatt	gtccccaata	ttttattgac	1260
atcttgatagc	aatttttttc	atcattttcc	gtactcctaa	ggaaaactga	cctatacctc	1320
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aaaaaagttt	tgtttttgtc	ccccaggctg	gagtgcaatg	gcacgattct	cggttcactg	1740
caacctccac	ctctcagatt	caaggcaatt	ctcctgcctc	agcctcccaa	gtaggctggg	1800

gatttacagg tgcccaccac caccctggg ctaaaatttg tattttcagt agagacggg 1859

<210> 3205
<211> 982
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(820)
<223> similar to gi337663 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3205
ggaaggaacg ggggtggccac gagctgtgag ggagatggat ttcacggaca accagacagg 60
cctcgggtgg aaacaacgaaa gggaaaactt agaatccaga attgctacaa atgtattatc 120
taaaatacaa agaagtatga cagtgtgacc catactgagg aagaacatca tcagtagaaa 180
ctgtctgagt gtccagatgt tgaatttagt aaaggcttgg aaacaacttg tggatggagc 240
agtagaaatt atccattctg aagaacagag agaaaaaac aagaaaaatg cacagagcct 300
cagaaacccg tggtagaaca tctgctgtac caaagcatgt cgaatggggg ttccaggaga 360
gaggaaagat atttggttaca ataatggtta aaaactttcc aaattttaat taaaaaatat 420
gcacattcaa gagcacagga agtttgaact agaataaatg caaagtcaca tcatagtcaa 480
actggcaaag gccaaagaga aaatggtgaa aggcgtcaga gaagaatgac ccatcccatg 540
aaaggggagc ttcaataccg ccagccactg acttcttaga aacaatggag accagaaggc 600
agtggagtgg catactcaag ctgctcagag agaagaacca tcagccagga atcaaaaccg 660
ttctacacaa gtgaaaggga acgaacgaca ttccctgaga agcagagact ggtgggattc 720
attgttggcg aaacctgcct taaaggaaat actaaaggaa gaccttcaag ttgaatagaa 780
atgacaccag acggttaact gaatcctcag gaaggaagga caggcactgc agatggcaag 840
tgtagggtga cgtcaatatc ctgtaaatat ctctcctcac atcttaggtt ttactggaac 900
tacgattgta taaaataatt acactgttgt catggtatgt ggcataaatg gactgcacaa 960
agaagacagg gtattgagct ct 982

<210> 3206
<211> 1773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1559)...(267)
<223> similar to gi4263748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3206
tttttttttt ttgttcaatg aacataaaat aatttttatta aatataacaa aaattaaaaac   60
ataacaaaag tatcacagta ttatagtacc atttaaatat aacatagaaa aatactacaa   120
aataagaaat acaaagacaa aagctaggta agattttttat ttactatgat ggggtgtgctt   180
gcctgttcat aagttcattc cagtctggaa cacaggaaga taatgctacc cgcataactg   240
ctgcacaatt cagccccattt ctttcctttg tttttaactg cgttaagatg gaaaacccta   300
gttcacacaa actagttggt gtgaatggta gcaatagcca ggacactctt tctacttaac   360
aatggaaaag cttcctttac cttcatccaa aatgctgata aacttaagggt ttcataatca   420
ttcttcaatg tatatgaaga actaagctgc aataattcat tctcttcttc aggcaccaag   480
tttagctcaa ttattgattc agggtttcga aaagcaaatg gatcttttac ccaactgttt   540
tcccttaatg tttcaaattt ttcttctgga aagaaatggt taaaagtttg agacagagaa   600
gtgagatgca acaatatctc taattttatt tctttcaaaa tgttttcatt aataatattc   660
tcttcaatat gctgcaaaaa tcttggaaac atgtaatagc taggacgatt acttttaagt   720
cttacttgcc ataacaataa tgtctttcga aatccctgga tacgttcaac atgttggaat   780
acatcactgt ttttccctcg tagttttaaa ctcagttcat taagaatgct aaaaatatca   840
gttaaatatg ccaattttgt taccacaagta tcatcttcaa aaatacttgc caaatgagat   900
tttttttcaa tgagaaaaaa gtgaatctca ttcctgagct cataaaccct gcttagtatt   960
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acaactttca ctgcattttt caatacctcc atgagattct gtggaatttc tctggatgct  1140
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aattttttta ttactctgct atgttttcca gtcattgggtg ctgtgccatc acttgtaatt  1260
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aaatcatctt gccacgcata tctgacataa actaaaagtg ttgtgcagct tccaatatca  1440
gtgctttcat caagctggat tgcaaaatct atcccagact gtaaacgagt aataagcatt  1500
gtttataaat gttctgcaat agtacaaatt cgaagagata ctgtgttatc attaggtata  1560
gtttttaatt tatcagctga tttatcatca aatattgtac gcaccatata caaacatgct  1620
ggaagaataa ttttttcagc agctgtgtta gctattttct cttttgccac acgatatgca  1680
cctaaatatg atgataataa gacaactctc tacagcagta gaacacttaa gaaattgtgc  1740
gggggcggtgg gtcgacacgg gaattcgggc gct                                1773

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<210> 3207
<211> 1799
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1789)...(626)
<223> similar to gil86774 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 3207
tttttttttt ttctttttaa ggttttatct tttattagca tttcatcctc acaaaaatac   60
tattaggtgg tactgttatt accattttta aaaccaaggc acaggggcat gttttgccaa   120
acaccacata ggcagagggtg gaattatgag aattatatta tttatatata tcataaagat   180
aggccaaggc tgggtctttcc catgttcatt acattaacag aatcattttc cgttacagtg   240
ctatataaag tgtgggtccat gtgttgacac tggcccacaa attgtttgct tctgggtctc   300
gcaaaagtta tagataccaa gagcaagtat ttagaaatgt ttgcagcaat ctgacagagt   360

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taactcagtt	aaataccata	ataaaaaact	ggggctttta	ttttgtatgt	ctgttttttt	420
cgttttcatt	tttcgtggtg	atctatttat	ttatttat	aagagacaga	gtcttgctct	480
gttgcccaag	ctagagtgc	gtggtgcgat	ctcagctcac	tgcaacctct	gccacttagg	540
ttcgatgcaa	ttttcctgcc	tcagcctcct	gagtagctgg	gattacaggc	acccccaca	600
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aggtgtgagc	cactgtgcct	ggccccgatt	ttatttat	atttagagac	aggatctcac	780
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agtgccgact	aaacgtcttc	ccacattccg	tacattcgta	gggtttctca	ccagtatgaa	1740
ttctgtgatg	ttgcgtgaga	tgagtgtctac	gaataaaggc	cttccccacc	acgcgtccg	1799

<210> 3208

<211> 1140

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (808)...(408)

<223> similar to gi3242240 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3208

actctcaca	ttaaaacatt	tggaaggaa	ttaatggtgt	atttccatta	gggaaagtgc	60
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ctttgggagc	agcgagggga	atgtgtctct	cacccttagg	cctcctggtc	tggctcctgc	180
tcaggccaca	cggcgacccc	accccagcg	cgcctcagtc	cagggtcactg	ggcagggtgt	240
ttactgctgc	gctccaaccc	aagcatgtag	atttcagaag	gggactagga	ccccggcag	300
gtgtttgaga	ccaccggctc	ccaagtgcgt	cgccttgggg	gtttgcatcg	gctcctcagc	360
ctccccaggc	aatctctgtg	tagggtcggg	agcgggaggt	ctgagttgag	ccgggtgcct	420
gagatctccg	gtgcaggctg	ggggagggga	gccccctcg	ggctgtgggt	agagcgggag	480
aggaacttcc	cagactagct	ggcacagagc	ctcgggaagg	cggcgggcac	tgcagggtgt	540
ttacgggaag	tgtgcagcc	ttgggggtgg	gacagcgtgg	ccagaccac	cgcctcatct	600
gcacacctgg	gctcaagcgc	taatgacgac	aggggactga	gtgaatggga	cccccatgga	660
ccgcgcgcgc	tgccccacgc	catggcctgg	gtttcgggag	ccttgcttta	ttctgcctcg	720
ggtcggaggc	tgggggagcg	agacctccag	tgcccgtgcg	gctgggggag	aggggtggagg	780

ggccacttag	atgtaggagt	catcaccacc	gggcgcacgc	tagggacccc	cacccctccc	840
cgcgccctcg	ccctcatcgc	cgctgccgga	gtcactggcg	ccatccacgt	ccaggggtggg	900
cgcggttgaga	acgaccacgt	ctgcctccgt	cccgatgtcc	tcgccaaacc	agacagcctt	960
gtacccgccc	tctggccgcc	gtccttgggt	caggatggac	ctcaccgccg	tggggcttcc	1020
gccagctcgg	gccgctgcgg	ggggctcaag	ggcaccgcct	ggggaggcag	ggccgggggg	1080
tgcgggctat	gcgggcatcg	gtgcctccgc	gggcttgggg	tcgtgcgtgg	ggctggggac	1140

<210> 3209

<211> 2948

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(2214)

<223> similar to gi4079809 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3209

ccccctttgt	caacaacaac	ccggggaacc	tcttacacat	ggggccaaaa	agccgctacg	60
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gcgctgcagg	gcccaccgtg	tggttgacat	cgctgtggc	agtggagatg	cccagaccct	180
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ccggggaggc	agcgatggct	gtaaagtgcc	tatgaagatt	gattctctta	ctgggtcttgg	300
agtagttaaa	gtggaatgcg	gatcccagtt	ttctgttgcc	cttaccaaat	ctggagctgt	360
ttatacctgg	ggcaaaggcg	attatcacag	gttggggccat	ggatcacatg	accatgttcg	420
aaggcctcgg	caggtccaag	ggttgagggg	gaagaaagtc	atcgccatcg	ccactggctc	480
cctgcactgt	gtgtgctgca	cagaggatgg	tgaggtttat	acatggggcg	acaatgatga	540
gggacaactg	ggagacggaa	ccaccaatgc	catccagagg	cctcggttgg	tagctgcctt	600
tcagggtaag	aaggtcaacc	gtgtggcctg	tggtcagca	cataccctcg	cctggctcgac	660
cagcaagccc	gccagtgcgt	gcaaaactcc	tgcacaggtc	cccatggagt	acaatcacct	720
gcaggagatc	cccatcattg	cgctgaggaa	ccgtctgctg	ctgctgcacc	acctctccga	780
gctcttctgc	ccctgcatcc	ccatgttcga	cctggaaggc	tcgctcgacg	aaactggact	840
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cctgctcagc	ccggccgcca	gagcaccgtg	gcacagcagc	atgttcgcgt	tcctgggtgt	1320
gttgctgggc	attgccatcc	gaaccgggag	tcccctgagc	ctcaaccttg	ccgagcctgt	1380
ctggaagcag	ctggctggga	tgagcctcac	catcgcgga	ctcagtgagg	tttgataaag	1440
gatttttatc	ctggactcat	gtacatccga	gacaatgaag	ccacctcaga	ggagtttgaa	1500
gccatgagcc	tgcccttcac	agtccaagt	gccagtggcc	aggacattca	gttgagctcc	1560
aagcacacac	acatcacctt	ggacaaccgc	gcggagtacg	tgcggtggc	gataaactat	1620
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cctgttcccc	tcctctctct	gttcaccggc	tacgaactgg	agacgatggt	gtgtggcagc	1740
cctgacatcc	cgctgcacct	tctcaagtgc	gtggccacct	ataaaggcat	cgagccttcc	1800
gcacgcgtga	tccagtgggt	ctgggaggtg	atggagtcct	tctccaacac	agagcgtctc	1860

09480225-0100

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gagtcctaca cctgtttctt cttgctgaag ctgcccagggt attcctgcaa gcagggtgctg 2040
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cgcatcgcac ttacaggaga gccagccgcc gacgacagca gcgacgattc agataacgag 2160
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gattagtatt acttgaatgc atccagagga taattttaaac caaaatgaaa aaccagaagg 2760
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tgaggccttt ctgtgaacag catcataact tctatcatgg aaagtgtact atatataatg 2880
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aaaaaaaaa 2948

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<210> 3210
<211> 3630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(103)
<223> similar to gi3449294 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3210
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gcgtgggctg cgagcacacc tgctcctgca gaaatggggg cctgtgccac gccagcaacg 360
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cccagggtc agcgggcaca ctgcccgcct ccagcagacc cacatcccgg agcgggtggac 1020
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aatttcacca	gcaggaggag	gaggagtcca	gtgagcttgg	ttgctcacag	acagcaaggg	2340
agctgtcaca	gaggaagctg	atgaatggac	cgctgtgggg	agactttaaa	gtagaacagt	2400
gataagggag	ggcaggatgg	tggggatgca	gaagcagcag	ccagagagag	acggactggg	2460
gtgcagacgg	agtgtggaaa	acgcatacct	tgaatgaag	catccagcag	atgggggtgag	2520
tggatacagc	tcaggagatt	ctcccaggaa	tagcaggggg	gcgtaaagag	agacaacgta	2580
cagagataga	tgaatggaaa	tgggtaaggg	agggtgtcat	tcacatccat	ctaactgcaa	2640
aatacaaaaag	taagaagtca	ttgacatgaa	gcaacgacga	ccaagacgtt	ctcagatcta	2700
aagggtgaatg	atctcagtca	gcctggaaat	gcacaagggtg	gaaaaataac	ataaaaaagc	2760
cataagacct	tgaagaacat	caatgtcaaa	gataaattct	aaagtcccag	agaaaaaaga	2820
atgggaatca	aattgacctc	agactatacg	tgagaaacac	ggagagccag	aaaactgtga	2880
tgttccatcc	tcagagtttg	aaggaaatat	ttgaaggctg	aattttacat	ccagctaaac	2940
tatcaaaggc	atgcaaagtc	catgtttatt	ttaggccttc	aagctcaggc	atttttctac	3000
agaaaagcct	gatttttaaaa	tgtctttaga	gacggttctc	cagccagaag	agaaagaagc	3060
caggaggggtg	ctctgagata	ttcagtcacc	acagttccca	aatggcctag	gaattcagag	3120
agtcagaata	tcaccattac	tcaccaatgg	gaacccccga	cagtctcagc	atgggtgtgag	3180
ggtgtggacg	gggggcctgg	cagggtaccaa	tcactcatcc	cgctcagtga	agacacagtg	3240
ttcagctacg	gaagccataa	ggcaggccga	gcttctgccc	atccggagga	aattctcagct	3300
atccaacggc	ggtcaggagc	agaggaaaat	aaagcagaat	aactagaaaa	cacgctcaca	3360
gatcctaata	ttaacggtta	caaatgacga	cggaaaaaca	aactcctgac	catatattat	3420
atagtttcaa	gcagcaagaa	ggaggatatt	gaacattctc	aacacacata	ataaacgctt	3480
gagatgatga	tatgtctcatt	accctgattt	gatcactaga	catcccatgt	atcaaaacat	3540
cactgtgtat	ccgatgaata	tctacaatta	ttgtcaatta	aaaacatcat	taaaaacaga	3600
ctagactgca	ttaaaaatat	aaaaaaaaaa				3630

<210> 3211
 <211> 1092
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1093)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1058)...(781)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3211

ctttttaaat	tgggttatct	tttgttaagt	tggttaagttg	attcctagta	ctggactttt	60
atcaggtaag	tgatttgcaa	gtattttctc	ccattctgta	ggttgtcttt	cttgataata	120
tcttttaata	tataaaagtt	ttaaatgtta	atgaaatcca	atttattttt	aaataaattg	180
gatgtatatt	gttgctcatg	ctgttggtat	cataaataag	aatttattgg	caaaatcaag	240
gtcatgaaga	tttatcactt	tttcctttat	ccctagggtt	tatagggttt	gctcttacat	300
ttaggtcttt	aatatatttt	tgtatctagt	atgaggtaga	gatctaaatt	cgttcttaag	360
catgtggata	ttcgctgtc	tctgcactat	ttattgcgaa	gagtatcctt	ttctcattaa	420
atggctctga	cacccttggt	gaaaatcagt	tggccataga	tacatgggtt	tatttctgtg	480
ctctcagttc	tattccattg	atctgtatat	tatacttttg	ctagtaccac	actgttttgg	540
ttactgtaat	tttgtagtaa	gttttgaaat	cagaaagcat	agagttcttc	ggttttttct	600
tctttttcaa	gtttccttta	gctacagagt	ttcctgcaat	tgaatgtgaa	tttgaggatt	660
ttcctttcca	tttctgcaaa	aacagccaat	taggttttga	taaaaattgc	attgaatctg	720
tagatcaatt	tgggtagaag	ttgccatttt	aaaaatat	agccttccgg	gccagggtgg	780
gtggctcacg	cctgtaatcc	cagcactctg	ggaggctgag	gtgggcagat	acctgaggtc	840
aggagtccga	gaccagcctg	gccaacatga	tgaacccccg	tctctactaa	aaatacaaaa	900
attagccaga	cgtggtggca	ggcgccgtga	atcccagcta	ctcaggaggc	tgaggcagga	960
gagtccttg	aaccaggat	ggggagggtg	cagtgaacca	agatcatgcc	attgcactcc	1020
agcctgggga	caagagtga	gcttcgtctc	aaaaanaaag	aattccnccg	cncctgngcta	1080
atggactcga	tg					1092

<210> 3212
 <211> 433
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(399)
 <223> similar to gi483915 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3212

aacagattca	ggagctgaat	aaaaccccaa	caagataccc	atgctatgac	acattcataa	60
taaaactcct	aaaactaaaa	gcaaagaaaa	aaattgataa	catccagaaa	gaaaaggaac	120
gacacattgc	tgatagaagt	cccgttagat	tgacagccga	cctctcatct	gagaccctga	180
aggctcaaag	gatgcgccac	aaggctactc	aagcactgaa	atgaaagacc	tgtcaaataa	240
attctctatc	cagtgaaaac	acacttcagg	aatgaagg	gaaatgcaga	tgttctccaa	300
caaggaaaac	gaagaggaat	tgttaccaac	gagctcacc	ttgaagaatg	gctaaaggag	360
cttctccaca	cagaaaggaa	ataactggag	aaaacctgga	atcttgtag	caacgacaac	420

<210> 3213
 <211> 2389
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1541)
 <223> similar to gil816586 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3213

gcccggattc	ttctggataa	tgaccattac	gccatggaaa	aattgaagaa	aagagtactg	60
gaatacttgg	ctgtcagaca	gctcaaaaat	aacctgaagg	gccaatcct	atgctttgtt	120
ggccctcctg	gagttggtaa	aacaagtgtg	ggaagatcag	tgccaagac	tctaggtcga	180
gagttccaca	ggattgcact	tgaggagta	tgtgatcagt	ctgacattcg	aggacacagg	240
cgcacctatg	ttggcagcat	gcctggtcgc	atcatcaacg	gcttgaagac	tgtgggagtg	300
aacaaccag	tgttcctatt	agatgagggt	gacaaactgg	gaaaaagtct	acagggtgat	360
ccagcagcag	ctctgcttga	ggtgttggat	cctgaacaaa	accataactt	cacagatcat	420
tatctaaatg	tggcctttga	cctttctcaa	gttcttttta	tagctactgc	caacaccact	480
gctaccattc	cagctgcctt	gttgacaga	atggagatca	ttcaggttcc	aggttataca	540
caggaggaga	agatagagat	tgcccatagg	cacttgatcc	ccaagcagct	ggaacaacat	600
gggctgactc	cacagcagat	tcagataccc	caggtcacca	ctcttgacat	catcaccagg	660
tataccagag	aggcaggggt	tcgttctctg	gatagaaaac	ttggggccat	ttgccgagct	720
gtggccgtga	aggtggcaga	aggacagcat	aaggaagcca	agttggaccg	ttctgatgtg	780
actgagagag	aaggttgcag	agaacacatc	ttagaagatg	aaaaacctga	atctatcagt	840
gacactactg	acttggctct	accacctgaa	atgccgattt	tgattgattt	ccatgctctg	900
aaagacatcc	ttgggcccc	gatgtatgaa	atggagggtat	ctcagcgttt	gagtcagcca	960
ggagtagcaa	taggtttggc	ttggactccc	ttaggtggag	aaatcatgtt	cgtggaggcg	1020
agtcgaatgg	atggcgaggg	ccagtttaact	ctgaccggcc	agctcgggga	cgtgatgaag	1080
gagtcgcgcc	acctcgctat	cagctggctc	cgcagcaacg	caaagaagta	ccagctgacc	1140
aatgcttttg	gaagttttga	tcttcttgac	aacacagaca	tccatctgca	cttcccagct	1200
ggagctgtca	caaaagatgg	accatctgct	ggagttacca	tagtaacctg	tctcgcctca	1260
cttttttagtg	ggcggtggt	acgttcagat	gtagccatga	ctggagaaat	tacactgaga	1320
ggtcttgttc	ttccagtggg	tggaattaaa	gacaaagtgc	tggcggcaca	cagagcggga	1380
ctgaagcaag	tcattattcc	tcggagaaat	gaaaaagacc	ttgagggaat	cccaggcaac	1440
gtacgacagg	atttaagttt	tgtcacagca	agctgcctgg	atgaggttct	taatgcagct	1500
tttgatggtg	gctttactgt	caagaccaga	cctggctgtg	taaatagcaa	actgtaggtc	1560
caaattctcaa	tttttttagaa	ttttaagtta	tgaagtgtct	aaaggtactg	acacagttga	1620
ttttattcac	accattaggg	gtatgcaaga	tgtccctggt	ttataaacat	aatcacaca	1680
gtaataaacc	tcaagtagtg	gctagtgttt	agtatagaaa	tataagatgt	tgatttagta	1740
aactgataaa	aaccgaattc	ttgtcttttt	agtgggatcc	ttactggccc	tggaagata	1800
tagcatagtg	gttctcagca	cagtctccag	aacagaagca	tctgtagtac	ctggtaactt	1860
gttagaaatg	tacattctca	ggctccacag	caggccgcct	gaatcaaate	ctgggaggtg	1920
gggacagaaa	tctgtgtttt	aagaagcctt	ccaggtaatt	ctgctgcaca	ctcaagttca	1980
ggaaccaccg	gtatagacca	ttaccttagt	ggatttacct	gtagagttta	ttggatcctg	2040
aaaccaatca	attacttaga	actaggcaaa	gatgaaagta	tagccaacta	ttcttggcta	2100
tatatatata	ttcaagtggg	ccgggcgtga	tggctcacac	ctgtaattcc	agcactttgg	2160

gaggtcgagg	taggcagatc	accgagccca	agagttcaag	acaatcctgg	ccaacggcga	2220
aactctgtct	ctacaaaaaa	tatacaggcg	tgtagcatg	tgctgtaat	cccagcttct	2280
tgggaagctg	aggcacaaga	attgcctgaa	cccaggaggt	ggaggttgca	gtgagctggg	2340
atcgcgccat	tgcaactccag	cctggctgac	agagcgagac	tgtctctaa		2389

<210> 3214
 <211> 2650
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (23)...(1515)
 <223> similar to gi2833649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3214						
tgcggtggaa	ttctcagccc	atggtgcccc	tggctgtgga	gaaccaggct	gggggtgagg	60
gtgcaggcgg	ggagctgggc	atctccctca	acatgtgcct	ccttggggcc	ctggttctgc	120
ttggcctggg	ggtcctcctc	ttctcagggt	gcctctcaga	gtctgagact	gggccccatg	180
aggaagtgga	gcggcaggtc	ctcccagacc	ccgaggtgct	ggaagctgtg	ggggacaggc	240
aggatgggct	aagggaacag	ctgcaggccc	cagtgcctcc	tgacagtgtc	cccagcctgc	300
aaaacatggg	tcttctgctg	gacaagctgg	ccaaggagaa	ccaggacatc	cggctgctgc	360
aggccagcat	gcaggcccaa	aagggaagagc	ttcagagcct	gatgcaccag	cccaaagggc	420
tagaggagga	gaatgcccag	ctccgggggg	ctctgcagca	gggcgaagcc	ttccagcggg	480
ctctggagtc	agagctgcag	cagctgcggg	cccggctcca	ggggctggag	gccgactgtg	540
tccggggccc	agatggggtg	tgctcagtg	gggatagagg	cccacagggt	gacaaggcca	600
tcagggagca	aggccccagg	gagcaggagc	cagaactcag	cttcctgaag	cagaaggaaac	660
agctggaggc	tgaggcacag	gcattaaggc	aagagttaga	gaggcagcga	cggctgctgg	720
ggtctgtaca	gcaggatctg	gagaggagct	tgaggatgc	cagccgcggg	gacccagctc	780
atgctggctt	ggctgagctg	ggccacagat	tggcccagaa	actgcagggc	ctggagaact	840
ggggccaggga	ccctgggggtc	tctgccaatg	cctcaaaggc	ctggcaccag	aagtccact	900
tccagaattc	tagggagtgg	agtggaaaag	aaaagtgggtg	ggatgggcag	agagaccgga	960
aggctgagca	ctggaaacat	aagaagggaag	aatctggccg	ggaaagggaag	aagaactggg	1020
gaggtcagga	ggacaggggag	ccagcaggaa	ggtggaaggga	gggcaggcca	aggggtggagg	1080
agtcggggag	caagaaggag	ggcaagcgac	agggcccgaa	ggaacccccca	aggaaaagtg	1140
gtagcttcca	ctcctctgga	gaaaagcaga	agcaacctcg	gtggaggggaa	gggactaagg	1200
acagccatga	ccccctgcca	tcctgggcag	agctgttgag	gcccaggtac	cgggcacccc	1260
agggctgctc	aggtgtggac	gagtgtgccc	ggcaggaggg	cctgactttc	tttggcacag	1320
agctagcccc	agtgcggcaa	caggagctgg	cctctctgct	aagaacatac	ttggcacggc	1380
tgccctgggc	tgggcagctg	accaagagagc	taccctctc	acctgctttc	tttgggtgag	1440
atggcatctt	ccgtcatgac	cgccctccgct	tccgggattt	tgtggatgcc	ctggaggaca	1500
gcttggagga	ggtggctgtg	caacagacag	gtgatgatga	tgaagtagat	gactttgagg	1560
acttcatctt	cagccacttc	tttggagaca	aagcactgaa	gaagagggtca	gggaagaagg	1620
acaagcactc	acagagccca	agagctgcgg	ggcccaggga	ggggcacagc	catagccacc	1680
accaccacca	ccggggctga	caccctgccc	cacagggaat	ggccttggcc	tggcccagcc	1740
caagatccca	gcgttatcta	actcctggag	ggtggactct	gtcctggctt	gtttgggtgtc	1800
ctcagatata	tttcacacag	tagagcaaaa	tcaccagccc	tgactgatg	tcactttatg	1860
tagaaaaagg	ccttagctgg	acctgcgttg	ccgtctatgc	aaatgcatgc	aaatactcca	1920
ggccctggga	tgtgggcttg	tgttttgtca	ctgtgaaggg	ggagatggga	gaggagcctg	1980

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (33)...(483)
 <223> similar to gi4680665 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3216
 ggtcgaccca cgcgtccgcg gacgcgtggg ctgtcacaag aggcgttgag atcactgtga 60
 attatctggg aatccagtgt gatgtgaaat tttgggtccca acacatttcc tccattcttg 120
 ttggaataat catcgccaca tccatcagag gattgctcat accacgttct tttatgccat 180
 ctctagcagt aagtcctcca gtgtcaatgt cctgctatta gcacagataa tgggcatgta 240
 ctttgtctcc tctgcgttcc taatctgaat gagtatgcct ctagaatatg caccataatt 300
 accgaagtcc ttggagaact gcagttcaat ttctgttacc attggtttga tgtgatcttc 360
 ctggtcagca gtctctctag catagtgttt ctctatttgg ctcacntaca ggcaccagag 420
 aagcatatga caccttgaac ttanggctac tacagactgg tagaggccag tgggtctcaa 480
 ttt 483

<210> 3217
 <211> 656
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(93)
 <223> similar to gi2072950 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3217
 tttaaaaaat caaacaatt ttagtacaaa aaatgcagta actaaaagag ctcaatgtgt 60
 agatcaagta gcagattaga tgggtgctgaa taaataatta atgaactgaa acgtcagaaa 120
 acaatgcata ctgaagctca gagagataaa cagatggaaa atacagaaaa gagcataaga 180
 gacttatggg atagggtaag taggcctaac atgcttctac ttgaagtctc agaagaagag 240
 aacaaagaga atgggataga agcaatatTT gaagagataa tggctgtgaa tttccctaaa 300
 ctataaaaga cttcaagcca cagactgaag cattatgagc cccaaacagg agaaatacaa 360
 agaaaataca aacagctaga ggtaaaaaag acgtattatc ttcagtggag caacagcatg 420
 gttgacagct gacttctgaa caaaagcaat ggaaagcaga tgacagtgga atgaaagtgt 480
 agaaaggaat acccttcaaa aatgaagggtg aactaaagat gttttcagac aagaaaaata 540
 tgagaaaata tatcgccagc agacttgcac taaaagaaat actaaatggc attatttagg 600
 cagaaggaaa atgatcccaa atagaatctt agaaatgcag taaagaatga ggagca 656

<210> 3218
 <211> 951
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (19)...(541)
 <223> similar to gi829151 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3218
 cataaattca ctgacggtgg agaaaccttc ctcaaggagt catacctcct tatacatgag 60
 cgaactcata caagagcaaa agactgtgaa cacagtacct atagaaatgc cttcctcagg 120
 aaccccgcca ttgttaaaca agagtgagcg cctagtgggc agaaatgtag tgattgtgga 180
 acaacctttt ccaagaaatc aagcctttgt agttaatcag gaatttgaac agagaataag 240
 cctcacaat gaagtgaatg tggcccatc agtaataaat tataccttgt atcttacaga 300
 tattgtatca gaataaatct tctgatacca gaaagggtggg aaaatcttta gtaggaatcc 360
 tccagccatt atatcccaga gagctcattt agggctgaaa cactgtggag gcagtgggtg 420
 tggaggacat ttctgtgaga agtcaaacct gttaaaccac attgaaatca tgttgggtag 480
 aaatgcagct gttatgagga agtctttacc tggagatgat atctcaattg gtatcaaaag 540
 aattcttaca ggaatattta tgaaagattg tgatggtgct tttagcgcta aattgtgcct 600
 cgtgtgccaa agaaacatag acaactgtag aggcaatgga tatggaaaac atttttcgta 660
 aaatatggga gaatttatag aaaagaaaaa ctcttgaaag taagaaatga tggcaactca 720
 ccaaattaac tcatgtatca tacttttatg tcttgagagt cttggaggga cgtgtttaat 780
 gaaatcttga accccaggaa tagtattatg taatgaaaac ctatgaatat aacaaatatg 840
 gaagtaaaat tgtgttagtt tcttatgagt gttgcaccaa actaacacaa atttaatggc 900
 ttaaaacaac acaaaatcat tatcttacag ttctggagga ctgaagtcca a 951

<210> 3219
 <211> 934
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(753)
 <223> similar to gi2854198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3219
 gcagacgcca gtggctttgg ctctgcagcg ccaaggaggc ggcgtggcgt catgctccgg 60
 ggagcgcaca ggtttccttc cagtcgaaca attaacttca gatccagcag gtttgaccca 120
 ccctcacctg ctgggacatg cgagtgctgg tgtctggaag gagggccggg ctgtgctgag 180

ctctgggggg	ccggtcccca	cagctcccc	gacagggccc	ccggggcctc	ctctataaat	240
caggggtccg	tgctcccagc	ctgcttcgag	gggtttctgc	ttggcgtgtg	ggttctaagt	300
gcgagctgct	gtgtgtggag	gctcctgagc	accgggtgcc	cctcgcgctg	gtgggtcccg	360
gggcagccca	gctgcacaca	ggatgggtccg	gggggtgcggg	tgggggcaga	gctgagcatg	420
gcgtgtactt	ggccacagaa	gtcttgctgt	ggtgccgctg	gacccctgct	aggaggacag	480
ggccccctct	ctcacgaagc	acacggacct	ccagagtccc	tgccccctgca	gtcctgggag	540
cctgcagttg	gggctggagt	tggcctctcg	gagccaccca	aacggagagg	cccatgagag	600
gggagctcag	gggtccagca	gaggctgaca	gagtggcctc	tttgtcctgt	tggcggcccc	660
tgctcatgcc	tggggcgctc	tccctggagc	tgggggagct	cagggacccc	caggtctgtg	720
tggctgcccc	tgccactcca	ggcacagcgg	cacggccctc	actctttacc	tattttggaat	780
tggaggcaat	gagtggcaag	aacatgatga	cagacacggg	aggtaaaaat	atgttctactg	840
gctgttcctt	ttataaataa	gaagtgggtg	gacttgcgct	gctattttta	aatagaccag	900
agagtacact	ggagaaggca	ttgagtgggt	ttat			934

<210> 3220
 <211> 824
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (821)...(176)
 <223> similar to gi53797 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3220						
accaagcttg	gcacgaggga	ggcaggagaa	tcgcttgaac	ccaggggggtt	taagttgcat	60
tgagccgaga	tcgtgccact	acactccagc	ctgggtgaca	gagtgagact	ccatcttaaa	120
aatataaaaa	taaagtgggtg	gtcagaggag	ccccgaatag	accagttgtg	gagaggcctg	180
ggtgggggtg	ctggcaggga	gggcaggcca	agcccagttt	ctgcccacag	tcacctcgag	240
gtgactgtcc	agggcttttg	gcaccttccc	gggaggggga	cggccgcccc	ccctgagtgg	300
tggttgaagc	tgggctctcc	tggatgccct	gacccagctg	cctggggaga	gccctggggc	360
cctcctccct	cagcacctcc	tccctcagcc	cctcctgcct	cggtcctccc	tcccttagcc	420
tgtctggcat	agatccatgt	tccctagccc	ctggcacagg	tgctctgac	tggaggaggc	480
cccacctgtg	gcccgggagc	tgctctgggg	gttgataaag	ggcagcatta	ttgggtcctg	540
ggaaggagcg	ggcgtgaggc	cagctgaggc	atggtgaccc	ctgggaagga	gcgggcgtga	600
ggccagctga	ggcatggtga	cccctgggaa	ggagcgggcg	tgaggccagc	tgaggcatgg	660
tgacccctgg	gaaggagcgg	gcgtgaggcc	agctgaggca	tggtgacccc	tgggaaggag	720
cgggcgtgag	gccagctgag	gcattggtgac	ccctgggtac	gggggacttg	ggggccgcac	780
cttggtttgc	ccagggcccc	tccctgcacca	cgggccacat	gcgg		824

<210> 3221
 <211> 1818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1796)...(115)
 <223> similar to gi4972748 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3221

gcggctctac	ttccttttatt	gaggtctcaa	gttccagcct	ccgcccgtct	cgggacaaga	60
ccaggcgggg	ttctgcacgc	ggccgcccgg	gcaagcccag	cagatgcccc	gtcaggagta	120
ctcgcagagg	tgggcccgcg	cctgcgggaa	cagtgggaag	ctgccttcca	gccacttcat	180
gatgtgctgc	aggtggccgc	cgtggctgca	gccctggcac	cacacgaaga	gacccttgac	240
tacgtggtgg	cagacggcac	acatgctggc	gcacgtgtgg	ccacctgtcg	cagaaccag	300
ccccggctgc	tcatgggccg	cttgacgtgg	ctgcagttga	cgtgcagggg	ggtggaggcc	360
tggttgaggc	agctgacggc	gcggctggtg	ctcagcttga	ccacctcggt	ggacacgttc	420
cagaggcgga	agcgtgcag	caggctgatg	taggaagtgt	accagtgtct	ctgggtctgc	480
tcgtcgatgt	ccttgcgcac	ccgttcaccc	aggacgatga	gcacagacac	agccatctgc	540
acgtcgccct	gctcagcgta	gaagtgcagc	atgtcgcgca	ccagcacgcc	gaagaagtgc	600
ggcggcaggc	ggctgtcgta	gagcgcgtgt	gagacagaca	ggagcgagaa	ggaggagtcc	660
acggggggcca	gggaggccac	atccgcctcg	ctgccgctca	cgtgcgggga	gtcggccttg	720
tcttcagagt	gctcggggcc	gggaggcggt	tccacgatct	cgtggcgag	cggaaaggcc	780
tcttcgggca	gcacgcactc	agggctcctcg	gggtgcgcgt	gttccggatc	cagcagggtac	840
agctcgctct	cctcaccttc	cacgtcaccc	agcaggtagt	cggcagggtac	gtcgctgccc	900
tcggtttcct	cgttatcctc	attggtgatg	agtgtggccg	aggagtgcag	cagaactgtg	960
tcgctccgcg	catctccttt	gctgcgggtc	agccgcgtct	cactgcccaa	ccctggggcc	1020
atatccttca	ggttgaaact	gttcatgagc	gggaggccac	aggagccacc	cttgcccaca	1080
ctgtgggttg	ggtttgcagt	gggcactagg	ccagggctgc	agtagatgat	ccgcagcatg	1140
gtccacgtht	gcgccacctg	gttgcggcca	agctctcgag	ccacctttgc	gttgtggtca	1200
cagagctcgg	ccagtggccg	gccagccagc	gcataacgct	cagctgtgtc	cacaaaccag	1260
cgcatgccgc	cgccacctgg	ctccgtctca	aagacactga	gggcactgga	ggcgaggcct	1320
gcgaagggct	cggcagggtc	cagcttgccg	ttaaagaaga	tggggtggcg	ccggtcgcca	1380
gtgtagggct	tgcgccccga	ctcggcagcc	acgaggctct	ccttggcggc	gaaggccagg	1440
tccccgaaga	ggccgtagca	gaggccctca	gggttggcgc	gtcgcacggg	ttggctggcg	1500
tcgcggaaca	ggtgctggca	cagcgagctg	tccttggagc	cagacagcag	gaaggagggg	1560
tcgtgggggt	ggcgccaggc	aattcccgtg	gtgacgtctc	ggtgttcctc	aaacatggca	1620
gctggcacga	agggccggcg	cacgtcccaa	acatagatgt	tgtggtcccc	catcatggag	1680
cacgtggcca	ggtggtggcg	gcactctggc	cgccacttca	cacgggccac	cgaggcgatg	1740
gtctgcacac	agtgcactct	cttggcacgg	tgcgtgggtca	tgtcccagac	ctcctcgtgc	1800
caagcttggc	tgaatgtc					1818

<210> 3222
 <211> 2170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2137)...(1281)
 <223> similar to gi3695113 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 3222
ctgtaatttt cttccagagc cagcaattct ggcaacacta cactttcgat ttatagcaaa    60
gcacacaagt agcagtgtct ttgaaaagaa aggataaaag aatcaatgaa aaagttacta    120
gttcttaaag atctgtgtct cattcgagga acttaaggac ctctccctca atctaaaagc    180
agaatgcact cttgctgctt actcccagca tgcctcagc tgttcctatt tactcctgga    240
ggaaggcaat gatatttgag tctgggttat caacaatcct ttaatttttt atttttat    300
ttttccctgg gatttcgaac caatatactc cttagcctgaa caacatagaa catttccttt    360
ccatttttgt agaaattatt ttttaatgta aattatattg tgttctat    gtttccaatg    420
tcttgaaaag ttcaatcact tctccaaatt ctccgaataa acataagaaa atatctctcc    480
ccagcactac ccggtccccc agtatcacca tcctaaaggc acttccactt cctctatcat    540
caggggaagga gtgtgcagtt ctgatttagc tcctcagtggt agtaaaggga atttagagga    600
aggggggattt ctgcagaaat tgtcagttac acaagtaagt tcctcttggt tccccgtttc    660
atcaaaaagtg aaaaactggt cacaggagtg cccatgtccc ctgtttccct atgcactact    720
agagccaaga ggggactccg ccagcaaggc accctctgct ctgtcccgca gatcacagtc    780
cccgactttc accccattgt ttgtgcaatg tgcagaactg gagcccaaag cagcgggctc    840
aggatcactc tccaggcccg gcgggcccac agactccttc cttggctggg aagaggggct    900
ttcgtgaaag cagagcttga caagccccag tactgtcatg gtcaagatca ccaacactac    960
tactgctgtg ctcaaaata tgaagaccac ggcagaggag gagtcgaaag cctgaggagt   1020
ggcagaggaa gtcgtagaat taaacttgga aatcacgctc cctgatgggg tgatagtggc   1080
ctttgactcg gcttgaaggg acatttgaag ggtagacatc gtgctctgtg atccccatcg   1140
aggaatctca ggaatagatg ttactgaatt gtcttgttca gggacaagtg gtgtctctcc   1200
cagcttctcg tcgaccctga ttggccatgt tctctgcggc acggggctgg ttgcagtggc   1260
cggcgggcgc ctggtgggca ccccggtccc cccaagggtc ggctgtcctt cccactggt   1320
cacacaagaa gcggaccgtc cttcccagc tcgaagcccg tagcacattc gcaggcaaag   1380
cctccaagt cgtctaggca gttagggagc tctgcgcatt tgccagcacg gaggtacctc   1440
ccggggcagg gacacaacac atcgcccag agtttgtccc agcgagcgcc gatttcgtcc   1500
gcgatgcaag taactgagat cgggagctgt ccccggcaga gcgcactcac ctcggtccca   1560
ggtggactga agtccagagc ggcgctgtgc agctggaagg gcgcgcgata gctcaagtta   1620
gaggcgggcc cggggcgcgg cgcaggacac aagacctcaa actggtactt gcacaggtag   1680
ccgttggcgc gcaggtggca tcgcatctcc ttccagcctg cgggctcgac cccaccgtg   1740
gcctggagta ccgcgcactc ccgcgcggtg caggagcgtt ggggctcctc caccactgc   1800
agcgtgtcgc tttcgagacc gccggggtcg gaggacagcc aggagaaacc ccgcaaaggc   1860
tcgttctcca ggggtgcagt ggaacgcctg cgctccagtg cgaccagaa cagcaggtct   1920
ttggagcccc ctccgggccc tgggcctgcc cgcaggagcg cgagcacagc gcgcagctcg   1980
gcgcccgcac gcacggtgtt gaggcggcca cctcgcagga tgcaggcctc ctcgcccgcc   2040
tgccgcttca tggtagcgtg gtgcagcctg tagcaggccc ccgaggccgt gcagccagca   2100
aggtcggatg tggggtgttg gcgcgcgcc ggcccgggcc agagcgctg cccctcatgc   2160
caagctgagc                                     2170

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<210> 3223

<211> 1836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (33)...(758)

<223> similar to gi2429362 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3223
ctgccccatt cctggcctg gtttcctaac ctcttcttcc tcccctgccc tgcttccctt    60
cctccaccac cctgctctca aaggcctcct ctccagaccc ctggaaggga ggcttcccca    120
tcttttagttt tccactctgc cccggggggc acccttctac tcctagccac gtcccttggg    180
accggtggga ctggaggagg aacggtcacc ctctccccc atggagggtt ccaggggtcc    240
cccagacatg aaagaggggt gagctggagg aagtcattgt gtcactgggg tacagggggg    300
tgaatgaagg gcatgcaggc cctcagcccc ggctgtgcca gccctcccag ccccaggccc    360
atctgaggga ccaagacgct gttacgcagg cccttctttc cagctatcag cacttttcagc    420
atcggctctt cagcagatcc aaaccccctc agcaacttgc agaggacctg tcccctctca    480
aaagtcccc tggcctaggg gggaacccc aaacctacgg caaagccagc aacagtagca    540
gcctgctccc atttgctggg gaggagatca tcttgttccc ctggccccc actctccctc    600
catgtccatc caaaaacatc aaaatcactg gggtccacat cagcctccat gaggccaaagc    660
cttgtagctg caaggtctt ggccaaacca ttctctgtc ctcttctctg gcctgcctgg    720
ggagcccgtg aaggccgcac ggggtgcctc agcctgagac atcaggggag agcctgcagc    780
tgagttcagc agaaaggagg aatcctggcc ctgaggaaga agatagtcac atgtttttct    840
tccttgctcc cacagcccc agaacaacat tctccctgct ggcagccctt ccatgtctcc    900
aaacctgggt cagagtgaag ggacctttgg ggggtgggtg gagcaaagg cccacctgct    960
gggtgggtgaa agcagtgggt ccggagtgt aggtaccgca cgagaggggt cggggggctt    1020
ggaagcagac cagggttgga caaaaccca tgagggcggg gagctggaag aaaagtctct    1080
tggggacctc tggggcaagg agctgagaag tcctgcagca ccaggtgaga cttgcttaca    1140
gtggatgcca cttctaggcc tctggaccgc agatgccctc ctccctcctg cacacctggc    1200
ctcctgggcc tccaggtaaa gagagagagc cagcccagcc ctgtttcccc tcagtcctcc    1260
tttgctcctg ctgcttctcc caacagccca ctgttaggag gtagtagacc ccagcctcaa    1320
ggctctgacc ttcttcatgt gggcacagag ggtcctgaca ctctggcagg gcctgagctg    1380
gggcaggcct ccctcagggc caggggcat ggacccccgg ggacaggcag acctccttcc    1440
tgccgtcagc acccccttcc ttatcactgt ctggtctccg agcttcggct gcagcctgag    1500
gtgtgtcctg ggctcctcag agcctgaagc aagcttttgg aagcctgcag tcctcccagc    1560
tccagtgcaa aagcctctct ctccagcctt tcccaggca ggagttgggg ttgggggcct    1620
ctgtccctca tcgcttacct tggaaagggt ggaagctggc aatctgcacc ttggggcctg    1680
ggctccccct ctctgtgcca gcggcttccc agcacctggg aggggctgca gcccagctg    1740
gactccagcc tgtccctctt agcactctag ctgcccact ccagggcagg gactcgaaac    1800
cccctccgtc ctgagcagcc acctccagg ccctgt                                1836

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<210> 3224
<211> 1771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1770)...(545)
<223> similar to gi488555 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3224
taatcacaaa aaaattttat tatgtttgaa gaaagcttaa aaatttgtgt tggctctgcat    60
tcaaagccat cctggcctgc ggggttgaca agcttgatct aaagcttttc ccaagttcct    120

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cacagtatta	gtttcctagg	gttgctgtac	aaaataacag	actgaatgat	ttaaccaaga	180
gaaatttatt	gcctcacagt	tctggagcct	ggaagtgcaa	tatcaagggtg	gagacagggt	240
tggtttcctc	tggaggccat	aatgaaagca	tctgttccag	gtctctgtcc	ttggcttgta	300
gatggccatc	ttctggtgga	tccacacagt	cttctccatg	tgtatccttc	cttcagtttc	360
ccttataggg	acaccagtga	tgtcagatta	gggatcgaac	ccaacaacct	catttgaagt	420
tactcacctg	tttgaaaacc	ctatgtccaa	atacagttat	agtgtaaagga	actaggactt	480
agggcttaca	aatatggagt	ggggcatcat	ccagaccata	ccattttaa	tgcagggttt	540
ctctccaatg	tgagttcaca	tacacacatt	aagggtttgtg	ggattcagaa	aggatttccc	600
agattctcta	cattcatacg	gtttctctcc	agtgagattt	ctgatgtgtt	tggtaagggt	660
tgagaattca	gcaaagtc	ttccacattc	cctgatgcag	ggtcttctcc	actgtgaatt	720
catatgtgtt	cattaagacc	tgagatacaa	agttgcttcc	acatttttac	attcataggg	780
tttctcccca	gtgagttttc	atgtcttcag	agagaacagg	gacaccttta	ggttttccca	840
cattcccttat	gctgacagtc	tctcatccgc	atgccttctt	tcatgatttc	gaaaggaact	900
ggaagaactg	aaggctttcc	cgcactcctt	acattcatag	ggtttctctc	cagtgtgagt	960
tcgttcatgt	aactgaaacg	aattggagta	actgaaggat	ttcccacact	gtttacattt	1020
gtagggtttt	tctccagtgt	ggatccgcat	gtgaagggtta	acacacgtgg	gaaacttaaa	1080
ggctttgcca	cattccatac	acgtgaatgg	ttttttggcg	ctgtgggtcc	gcatgtgatt	1140
attaagactg	gaggaatg	taaatgcttt	accacattcc	aggcactcaa	agggttctc	1200
tccagtgtga	attctcaa	gtccactaag	atttgaagaa	atagcaaagg	ctttcccaca	1260
tttgacacat	tcaaaaggct	tctctccagt	gtgagttctt	gtatgttcac	taaggcgaga	1320
ggatctggca	aaggcctttc	cacattcctt	acattcatag	ggcctctctc	caactgtgagt	1380
tcgtgcatgc	ttagtaagg	ctgagttctg	agtgaaggct	ttcccacaa	ccttacattt	1440
atagggtttt	attccagtgt	gaattcgaaa	gtgatcactg	aggcatgagg	aatttctaaa	1500
ggattttcca	catatcttac	attcaaagg	atcctttgca	gtgtgagttt	ttaaattgtt	1560
agtaagttga	gaagatctag	tgaaggctat	cccacattcc	ttgcattcat	aaggcttctc	1620
accacatgg	attttcatat	gttgacttaa	gcaagaggaa	acagtgaagg	ctctcccaca	1680
atccttacat	ttataagg	tctctccagt	gtgagttttt	ctgtgctgag	taagttgaca	1740
agacctggtg	aaggctttcc	cacactcctt	a			1771

<210> 3225
 <211> 1082
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (66)...(330)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3225						
actactatgt	tattttattta	tttattttatt	tagcggcagg	gtcccgcctcc	gtcacctagg	60
ctagagtgca	gtgatgagat	cacggctcac	tgcagcctca	acctcccagg	ctgaagcaat	120
cctcccactt	cagtctccct	agtagctggc	actacaggca	tgtgccacca	aaccaggcta	180
attttctttt	ttttattttt	gtagagaagg	ggctcttgctc	tgttggttggt	caggctggtc	240
tcaaactccc	aacctcaggt	gattcgcccc	cctcggcctc	ccaaagtgt	gggattacag	300
gcgtgagcca	cttatgcccg	gccggatttg	cccttattaa	tggttatttc	ttgtgaaaga	360
ttctttttgc	ctttgcattc	cttttattct	gtttattccc	ccatgcctca	cccaaagagt	420
tgcacggcca	attggcccgt	gaaggggacg	cctactttca	aacaaggcag	acaggacacg	480
acaggacggc	ggctcatagc	acagactttg	gattgcagtg	gatgggacca	gatcctggct	540

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ccacttctcg ctagctgtgt ggccttgggc aagctgctta acctctcttg gcctcagttt 600
ctccccctgt aaactggggg atgtgaacag cgctgcctc cgagtcctaa ggattgggag 660
tagtcgtgta aagtgtctcag gtccacaggc catcaatact aatagttaaa aattattctt 720
agaatcttgc ttccctcagc tccctgaaaag gccactaagg caccctcagtt gcagaggcca 780
aaggtccggg aggtctcaca gccacggctg tgccccaggg tcttggcccc ggcccacctg 840
catgtagggtg atgggctcca gctgggaggc ccggagcttc cgagctgct ccttgtcctt 900
cctcaggtct gtcttgcagc cgatgagcac catggggatc ccgaggcaga aatgcgtgac 960
ctcagggaac cactgtggag ggaggaggcg ggatcagggg cgcgccggg cccagatgtg 1020
gggccaccac ccaggaggcc ggcctcacct tgatgaggac gttgtcgtag ctggtgggat 1080
tc 1082

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<210> 3226
<211> 2401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (48)...(1135)
<223> similar to gi3184062 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 3226
agttaatctc tttggctggg cctacagatg acatacagag tacaggcccc caggttcatg 60
ctttaaatat ccttagagca ttgttcagag atacgcgcct gggagaaaat attattcctt 120
atgttgctga tggagctaag gctgcaattc tgggttttac atcaccggtc tgggcagtgc 180
gaaattcatc cacacttctc tttagtgcct tgatcacaag aatttttgga gttaaaaggg 240
caaaggatga acattccaaa acaaatagaa tgacaggagg agagtttttc tctcgtttcc 300
cagaactcta tccttttctt ctcaaacagt tggaaactgt agccaataca gtagacagtg 360
atatgggaga accaaatcgt catccaagca tgtttctctt acttttggtg ttggagagac 420
tctacgcttc cccgatggat ggtacttctt ctgctctcag catgggacct tttgttcctt 480
tcattatgag gtgtggtcac tcacctgtct accactcccg tgaaatggca gctcgtgcct 540
tgggtcccatt tgttatgata gatcacattc ctaataccat tcgaactctg ttgtccacac 600
tccccagctg cactgaccag tgtttccggc aaaaccacat tcatgggaca cttctccagg 660
tttttcattt ggtgcaagcc tactcagact ccaaacacgg aacgaattca gacttccagc 720
acgagctgac tgacatcact gtttgtagca aagccaaact ctggctggcc aagaggcaaa 780
atccatgttt ggtgaccaga gctgtatata ttgatattct ctctctattg acttgctgcc 840
tcaacagatc tgcaaaggac aaccagccag ttctggagag tcttggcttc tgggaggaag 900
tcagagggat tatctcagga tcagagctga taacgggatt cccttgggcc ttcaagggtg 960
caggcctgcc ccagtacctc cagagcctca ccagactagc cattgctgca gtgtgggccc 1020
cggcagccaa gagtggagag cgggagacga atgtcccat ctctttctct cagctgttag 1080
aatctgcctt ccctgaagtg cgctcactaa cactggaagc cctcttgga aagttcttag 1140
cagcagcctc tggacttgga gagaaggggc tgccaccctt gctgtgcaac atgggagaga 1200
agttcttatt gttggccatg aaggaaaatc acccagaatg cttctgcaag atactgaaaa 1260
ttctccactg catggacctt ggtgagtggc ttccccagac ggagcactgt gtccatctga 1320
ccccaaagga gttcttgatc tggacgatgg atattgcttc caatgaaaga tctgaaattc 1380
agagtgtagc tctgagactt gcttccaaag tcatttccca ccacatgcag acatgtgtgg 1440
agaacaggga attgatagct gctgagctga agcagtgggt tcagctgggtc atcttgtcat 1500
gtgaagacca tcttctaca gagtctaggc tggccgtcgt tgaagtctc accagtacta 1560
caccactttt cctcaccaac ccccatccta ttcttgagtt gcaggataca cttgctctct 1620

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ggaagtgtgt	ccttaccctt	ctgcagagt	aggagcaagc	tgtagagat	gcagccacgg	1680
aaaccgtgac	aactgccatg	tcacaagaaa	atacctgcca	gtcaacagag	tttgcccttct	1740
gccaggtgga	tgcctccatc	gctctggccc	tggccctggc	cgctctgtgt	gatctgctcc	1800
agcagtggga	ccagttggcc	cctggactgc	ccatcctgct	gggatggctg	ttgggagaga	1860
gtgatgacct	cgtggcctgt	gtggagagca	tgcacaggt	ggaagaagac	tacctgtttg	1920
aaaaagcaga	agtcaacttt	tgggccgaga	ccctgatctt	tgtgaaatac	ctctgcaagc	1980
acctcttctg	tctcctctca	aagtccggct	ggcgtccccc	aagccctgag	atgctctgtc	2040
accttcaaag	gatggtgtca	gagcagtgcc	cacctcctgt	ctcagttctt	cagagagctt	2100
ccaccagctg	ctgagtttgt	gaagacagt	gagttcacia	gactacgcat	tcaagaggaa	2160
aggacttttg	cttgcttgag	gctgctggcc	tttttggaag	gaaaggaagg	ggaagacacc	2220
ctagttctca	gtgtttggga	ctcttatgca	gaatcgaggc	agttaactct	tccaagaaca	2280
gaagcggcat	gttgaagaaa	atctggggga	ttgggatggg	ggtatgtgtg	gatttttctt	2340
ccactaaatc	tgcaggaaac	atgttgaaca	taaattcaaa	aatttttatcc	caaaaaaaaa	2400
a						2401

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<210> 3227
<211> 1691
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(1178)
<223> similar to gi2661590 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 3227	
ccgtttttgcc	ggttcgaccc
aaggctcata	caaaagcagt
tctggggctg	atgattatac
acatttaaag	aacactctga
ctctttataa	caggatcata
agtgttctct	ccgttgagca
ggtcttcttg	tgtcagcagg
caattgttag	tatctttgaa
tctggacaga	ggttactctc
tctacaaaag	tagtccacag
catgaagatg	agacaatagt
aaatctgaag	caaagaagga
attaaaggaa	aaaattacat
aagcacctag	aattgtatga
agagttcttg	atcccacttg
gagttaaatc	gaagaggagt
agtcattgtc	tttaattttg
tcaatgctgc	tgaataaatt
ttgataaaaa	gtttttacta
aattgttaga	aaccttgggg
gcacttctgt	gttggaaacac
agtgtctgct	aaataagaca
aatgttggcg	agagactctc
acgcgtccga	taagtgggag
gattttacag	ctgacaaaata
tgggatattc	caaactccaa
ggtggatgtg	ctagcaaact
gtgaagatgt	ttgatgcacg
gtggagagt	tctacttttt
gttaaaagtct	gggacatgtt
aaaaccgtga	catgtttatg
gataggaagg	tgaaagtata
tgacttcaa	ttttgagtct
accaaaggaa	tactgagtgt
gagacattt	ggcctgcata
tgattaacag	gccagcaaag
ggatctctaa	ggcactcgat
ttacggtgtc	catcataaag
gtcgggatga	gaaggaaatc
gagatttgcc	cctgttttaa
aattggtcag	tcccctgtag
agagattgat	taccaagag
caccatgaga	aggaagggaag
gaataagaag	atagaatcat
gaatagattt	gactgtatta
tgtttgcaga	agcagttctg

tggaagagac	tggaataatt	atggccgcaa	accaagtacc	cgttttaagt	aagacatggt	1440
tttccatgta	atatittgaa	ttacagcatc	ttcacctaga	agatctcaat	tgtcttagtc	1500
acagagtagg	tttatctggg	atggatatta	attttaatac	aggagtgttc	tgtatcaaca	1560
tttgggttg	tattcagatg	ggaattcaaa	tatgaatcct	ctctggagag	ggtccaactg	1620
ggaatcctgc	taaaggagca	aagccttgta	ttacctctgg	aagacaacaa	aaacaattgg	1680
caacaacaaa	a					1691

<210> 3228
 <211> 1835
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(1348)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	3228					
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tgatcactca	gctcttattc	aacatcatat	tgtccatact	gcagagaaac	cctatgaata	180
tcatgactag	gaaaactttc	agttactggt	cagacctcat	tcaacatcag	agaatgcaca	240
ctggagagaa	accatacaaa	tgcaatgaat	gtgggaatgc	ctttagtgat	tgttcatccc	300
ttattcagca	tcaaagaact	cacactggag	aagagcctta	tgaatgtaat	gaatgtgaga	360
aagccttcca	tgatcactca	gctcttattc	aacatcatat	tgtccatact	gcagagaaac	420
cctatgaata	tcatgactgg	gaaaactttc	agttactggt	cagacctcat	tcaacatcag	480
agaatgcaca	ctggagagaa	accatacaaa	tgcaatgaat	gtgggaatgc	ctttagtgat	540
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caatgtggaa	aagcctttag	cagaagcaca	taccttactc	aacatcagag	aagtcacgca	660
ggagagaaac	agtataaatg	caatgaatgt	gagaaaactt	tcagcctgag	ttcattcctt	720
acacagcaca	tgagggttca	gactggagaa	aaaccctaca	aataataatga	atatggaaaa	780
gcttttagtg	actgctcagg	acattttcag	agaactcaca	ctggagagaa	gccctgtgaa	840
tgtaatgact	gtgggaaacc	tttcagtttc	tgttcagccc	taattcaaca	taagagaatt	900
cataccagaa	agaagccctg	actgtacctt	cataccagta	aatgcactga	ctgtggaaaa	960
gccttcagtg	attgggttagc	acttggttcaa	catcagataa	ctcaaacactg	gagaaaaaac	1020
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gaaaactcat	actagtgaag	aatcctataa	atgtaatgaa	tgtagaaagg	cctttagtta	1140
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taaatgtggc	aaagccttta	ggcagaggac	agaccttaaa	aaacatcaga	aatgcatac	1260
cgaagagaaa	ccctatgaat	gtaatgaatg	tgggaaagcc	tttagccaga	gcacatatct	1320
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aaccattaga	caaaactctt	cttttttaca	caataaaacc	tcacactgga	gagttctctg	1440
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gaaaaccgtt	gactacttag	aatgatcaca	tggtttagtg	gagagagcat	gattctgggt	1560
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tagtagttat	taaggagtca	ataaagatat	gatat			1835

<210> 3229
 <211> 1035
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1036)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1036)...(523)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3229
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 aataaacagc taactggcat atttcacttt tggttcttta ccatccatat gcactctcct 180
 acacacatag gaatttcttt ggaataatta aacaagtcta tattcctacc taagaagata 240
 tgaggggaaga agtcctcacc ccccccaaa ggagcagatg cgcagttcaa acagtccttt 300
 gtattcccat ggcacgccat gtcaattact cctcaaattt agtccattc taactattct 360
 gtttcttaaa gacaaaatta taaatgtaac ctctaataat gtgtatataa aataaaagtg 420
 ggaaaaagat agaagtaa at ggttcattta aataaataaa cacatggata taaacacaca 480
 tacgtataac aagcagagag aaaacatgca aaactacatt tcttgtttct gtcactggtc 540
 ttgaggttgt agttgatgtc catggtttac ttcttcagtg actaattcca tattttccct 600
 gccctccact tgaacctcag ctgctccggg ttttgtacca gggaggagcg atccaaatct 660
 tcgttcgccc agagtccgaa tctctgttg tcttgctttc gttcagttgt ggttttccat 720
 taaccttttc tatggagtat agaagtactc ggaggttcta cacttcatca cttcatctc 780
 cttgcctcaa ttgtctagca gtgccacagt tttcctttga taattgggat taaccactcc 840
 agccagtaga ttaacttttt tctttttttt ttttgccctt tggtttaggg ggaaatgaaa 900
 cccaaaaggg ccaaggggga gtccctgtt ccaatggatt aaaacacaaa gttgggcccc 960
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 ttgattggct ggaag 1035

<210> 3230
 <211> 4945
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4946)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4946)...(206)
 <223> similar to gi338675 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3230

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cgaggatggc	agcgacgtgg	gcagggcggg	gctctcctgg	ggcagaatag	tgtgcaccgc	180
caggctgctg	gggcccagtg	gctgcacgtc	tgcttggttc	ggctctccac	tcaggaagct	240
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tggcggtgc	aggctttgct	gctgctggat	gtttgctggc	tgaggtttct	gctgctgcat	360
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